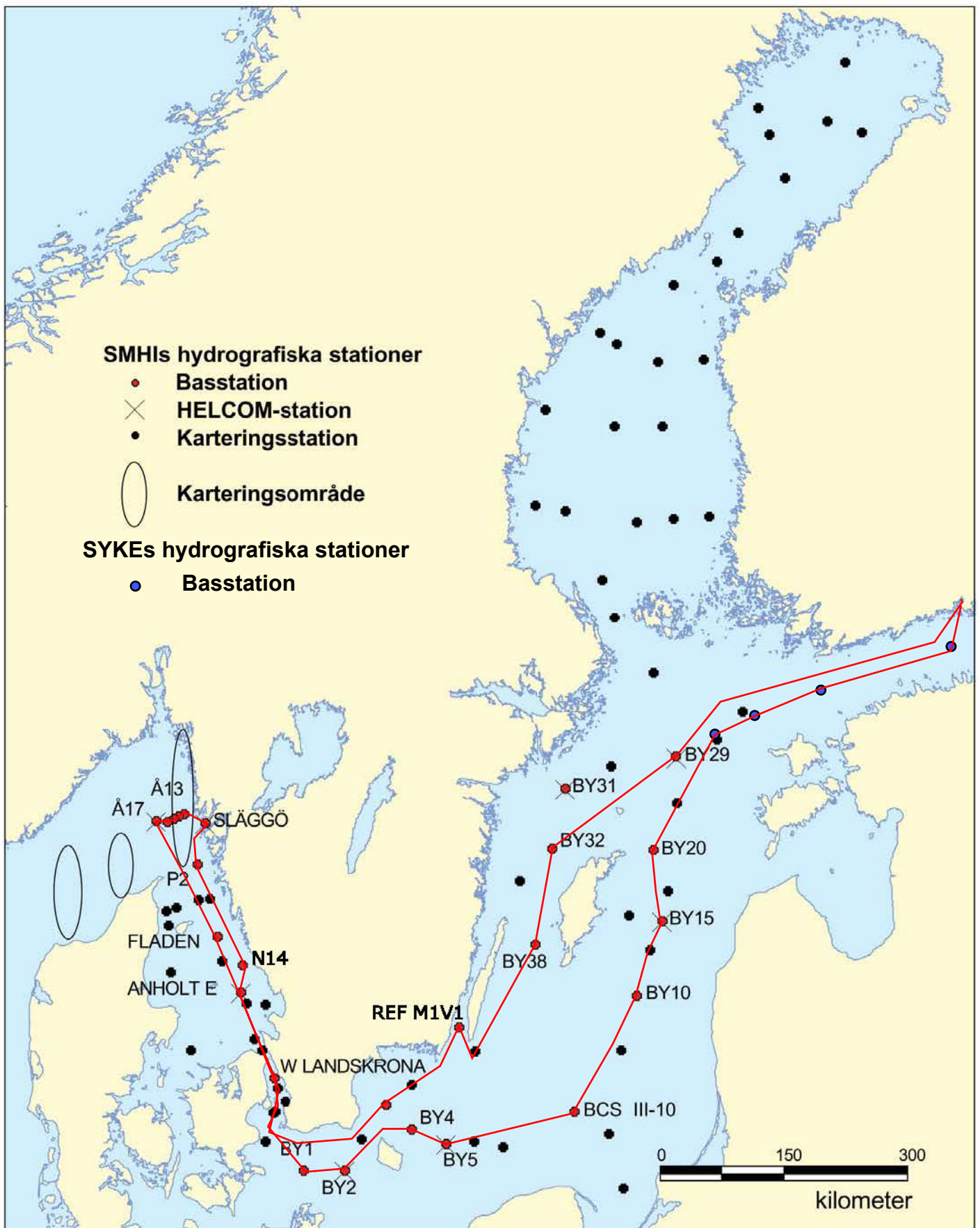


TRACKCHART

Country: Sweden
 Ship: R/V ARANDA
 Date: 20150831-20150907
 Series: 0544-0575



Date: 2015-09-07
Time: 14:00

Ser no	Stat code	P r o j	Station-----	Lat-----	Lon-----	Date yyyymmdd	Time hhmm utc	Bottom depth m	Secchi depth m	Wind di ve	Air temp C	Air pres hPa	WCSI elec ml aoae tu hd	C t	PPCPZZT Hrhhoor motPBw PrP l	No de	T e a h	S x 2	P y S 4 t	O o o o	H t k o	P P P N N	N N N N	N N N N	T A S H L	S h o l i u i	L i u i O O O	P r p t C m	
0544	GFXX29EXT		BY23/LL7	N5950.5	E2450.3	20150831	1139	100		24 4	17.1	1018	1420	x	-----	12	-	-	-	-	-	-	-	-	-	-	-	-	-
0545	BPNX60EXT		LL12	N5929.0	E2254.0	20150831	1720	83		25 2	17.6	1016	1210	x	-----	12	x	x	-	x	-	-	-	-	-	-	-	-	-
0546	BPNX00EXT		LL15	N5911	E2144.81	20150831	2130	130		17 2	17.5	1016	9990	x	-----	15	x	x	-	x	-	-	-	-	-	-	-	-	-
0547	BPNX00EXT		LL17	N5902	E2104.77	20150831	2350	170		14 4	17.5	1014	9990	x	-----	16	-	-	-	-	-	-	-	-	-	-	-	-	-
0548	BPNX27EXT		BY21	N5826.5	E2020	20150901	0500			10 10	16.7	1010	2830	x	-----	14	x	x	-	x	-	-	-	-	-	-	-	-	-
0549	BPEX26BAS		BY20 FÅRÖDJ	N5800	E1953	20150901	0900	195		09 15	16.4	1007	6850	x	--xx----	17	x	x	-	x	x	x	x	x	x	-	x	-	-
0550	BPEX21BAS		BY15 GOTLANDSDJ	N5720	E2003	20150901	1430	240	6	09 10	17.4	1004	1640	x	--xxxx--	19	x	x	x	x	x	x	x	x	x	x	-	-	-
0551	BPEX21EXT		BY15 GOTLANDSDJ	N5720	E2003	20150901	1630	240		09 9	17.8	1004	1130	x	-----	12	x	-	x	x	x	x	x	x	-	x	-	-	-
0552	BPEX13BAS		BY10	N5638	E1935	20150901	2340	147		26 7	18.0	1004	9990	x	--x-----	15	x	x	-	x	x	x	x	x	-	x	-	-	-
0553	BPSE11BAS		BCS IIII-10	N5533.3	E1824	20150902	0730	89		27 12	17.1	1008	2740	x	--x-----	12	x	x	-	x	x	x	x	x	-	x	-	-	-
0554	BPSB07BAS		BY5 BORNHOLMSDJ	N5515	E1559	20150902	1600	90	7	25 9	17.3	1012	1140	x	-----	12	x	x	x	-	x	x	x	x	x	-	-	-	-
0555	BPSB06BAS		BY4 CHRISTIANSSÖ	N5523	E1520	20150902	1930	92		26 11	17.6	1012	9930	x	--x-----	12	x	x	-	x	x	x	x	x	-	x	-	-	-
0556	BPSA03BAS		BY2 ARKONA	N5500	E1405	20150903	0145	45		24 5	16.5	1013	9990	x	-----	8	x	x	-	x	x	x	x	x	-	x	-	-	-
0557	BPSA02BAS		BY1	N5500	E1318	20150903	0530	47	6	21 7	15.7	1013	1320	x	--x-----	8	x	x	-	x	x	x	x	x	-	x	-	-	-
0558	SOCX39BAS		W LANDSKRONA	N5552.0	E1245.0	20150903	1200	51	8	17 7	17.2	1012	1620	x	--x-----	9	x	x	-	x	x	x	x	x	-	x	-	-	-
0559	KAEX29BAS		ANHOLT E	N5640.0	E1207.0	20150903	1715	62	9	23 5	15.9	1011	2730	x	-----	10	x	x	x	-	x	x	x	x	x	-	-	-	-
0560	KANX25BAS		FLADEN	N5711.5	E1140	20150903	2130	85		15 4	15.9	1011	9990	x	--x-----	12	x	x	-	x	x	x	x	x	-	x	-	-	-
0561	SKEK18BAS		Ä17	N5816.5	E1030.8	20150904	0445	348		08 1	13.8	1010	1510	x	-----	14	x	x	x	-	x	x	x	x	x	-	-	-</	

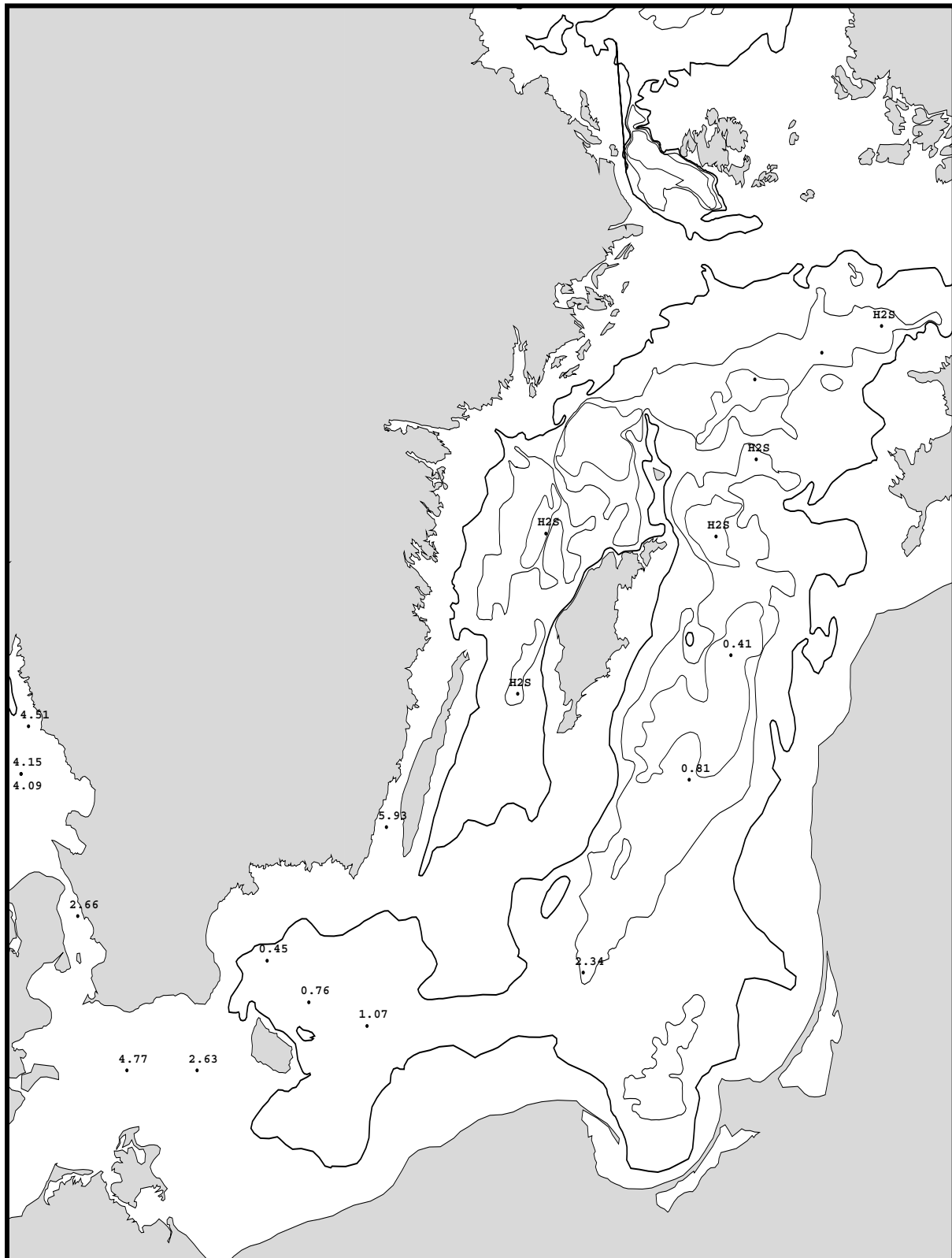
Bottom water oxygen concentration (ml/l)

Country: Finland

Ship : Aranda

Date : 20150831-20150906

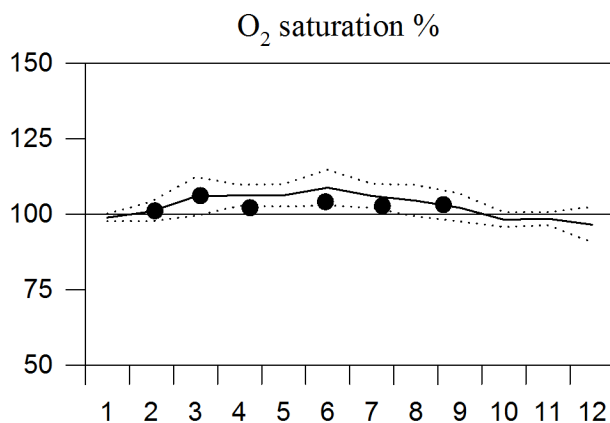
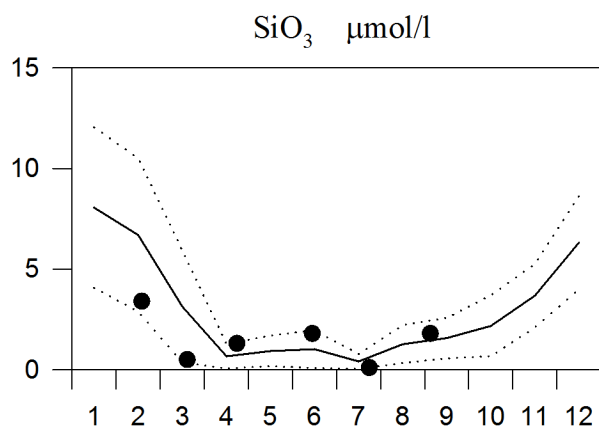
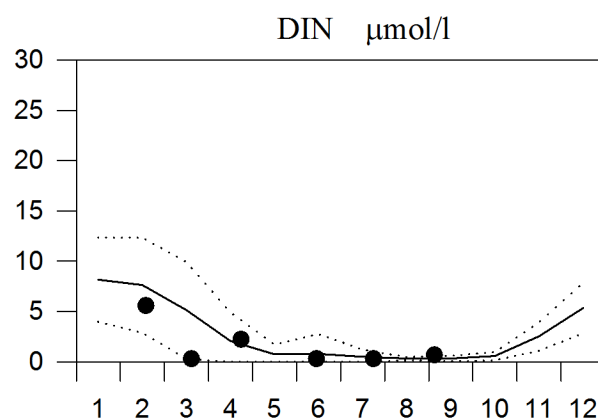
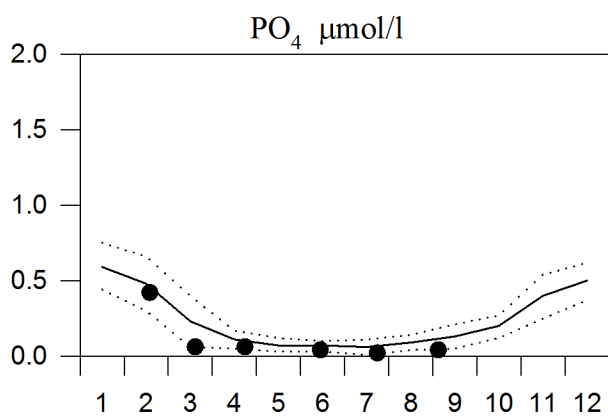
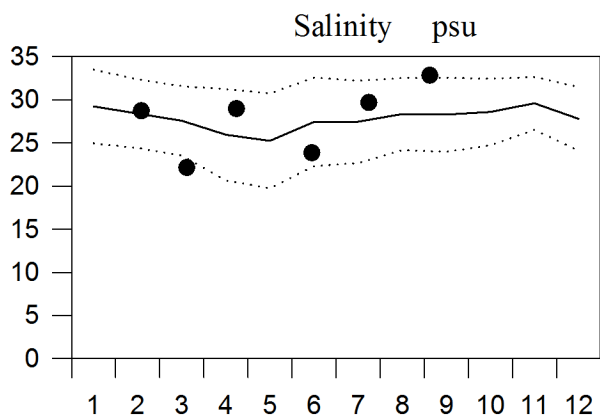
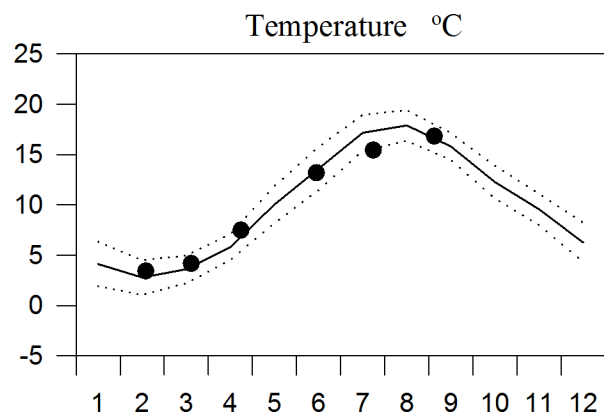
Series : 0544-0575



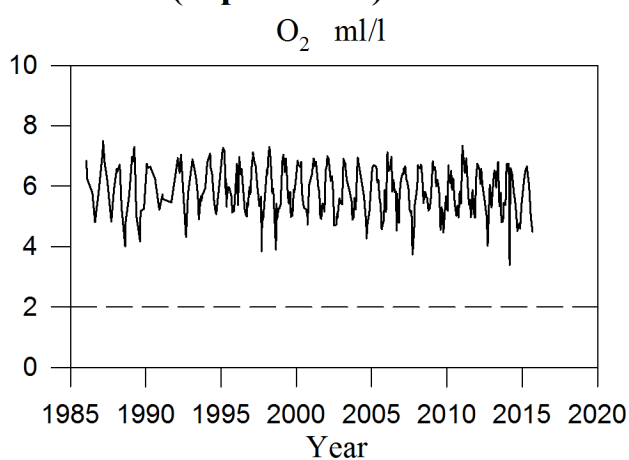
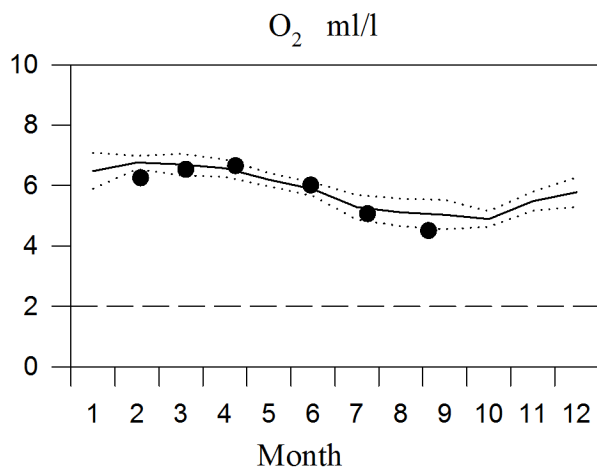
STATION P2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

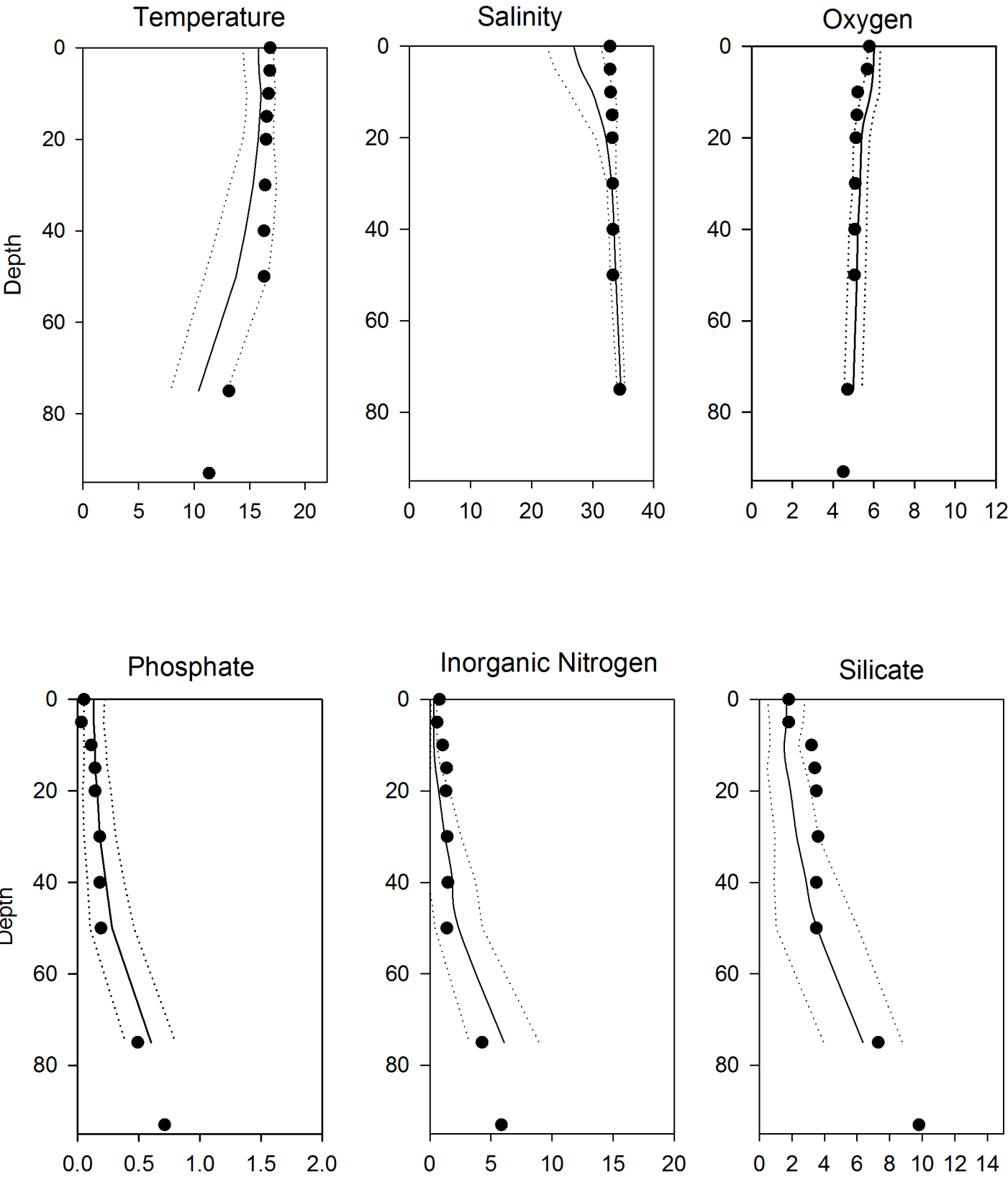


OXYGEN IN BOTTOM WATER (depth >75m)



Vertical profiles P2 September

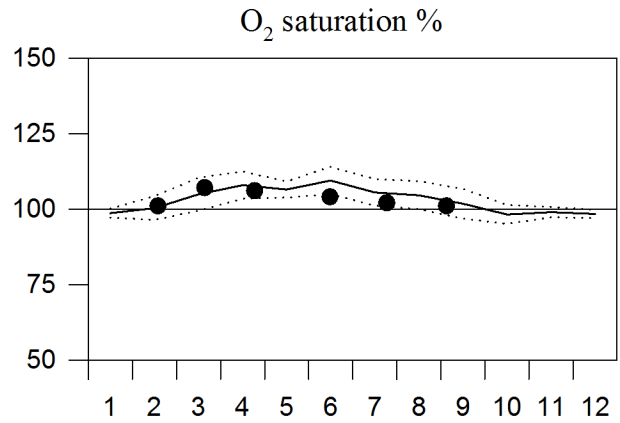
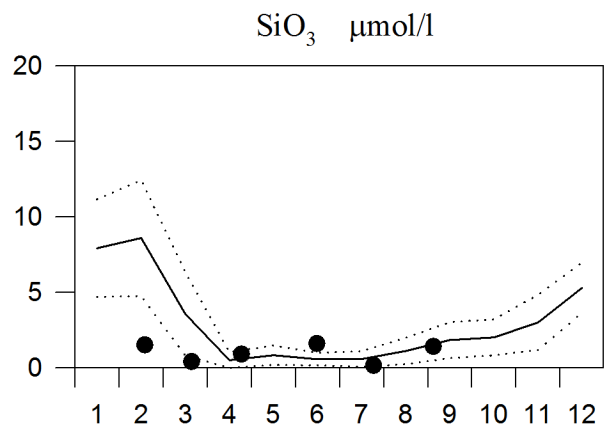
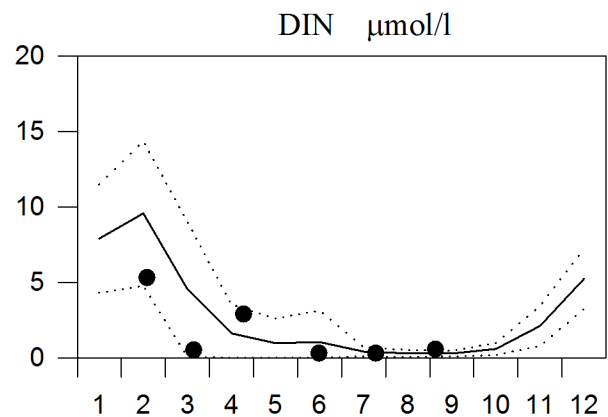
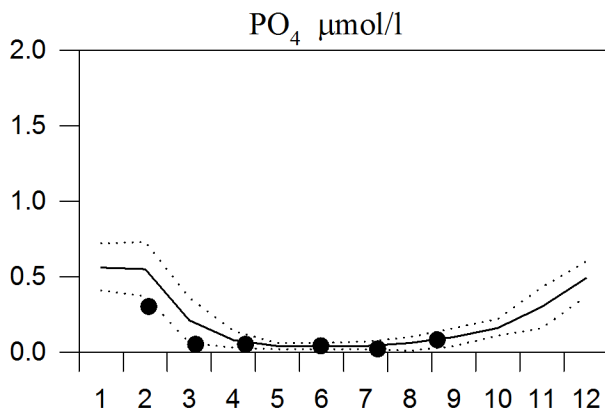
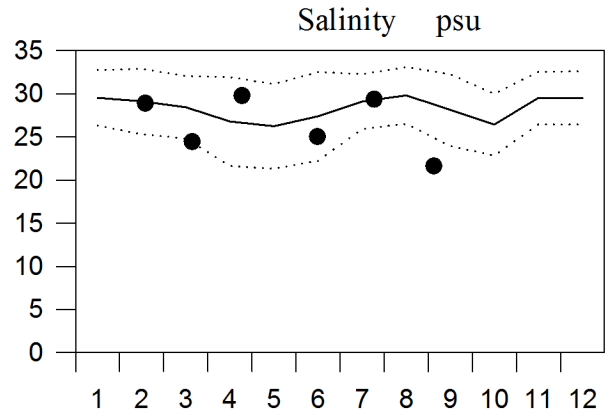
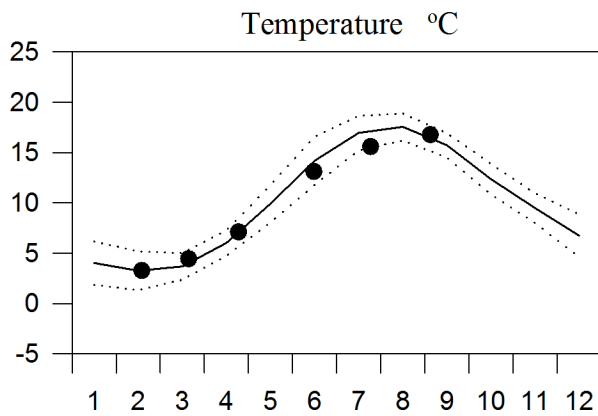
— Mean 1996-2010 St.Dev. ● 2015



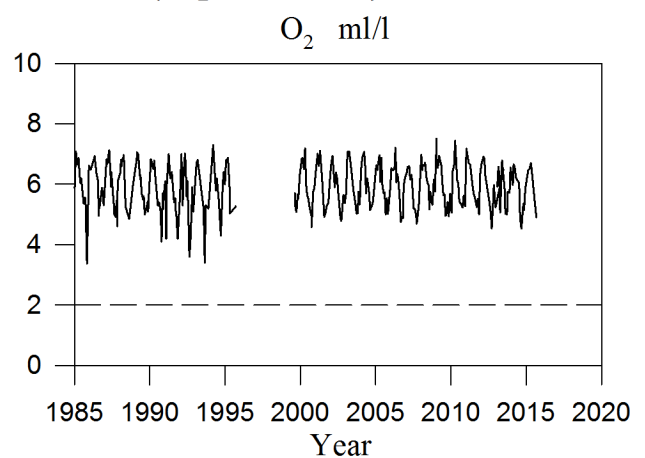
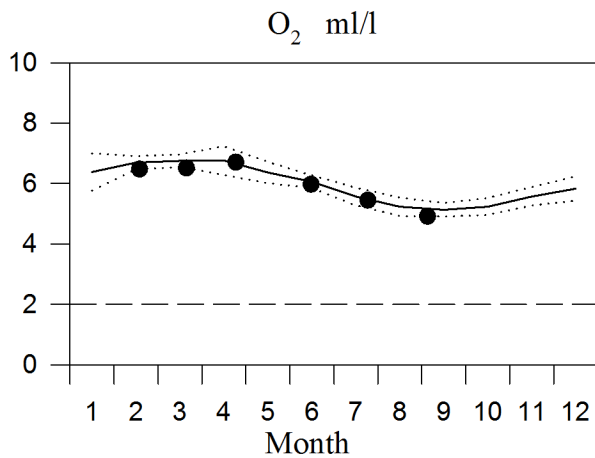
STATION Å13 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015



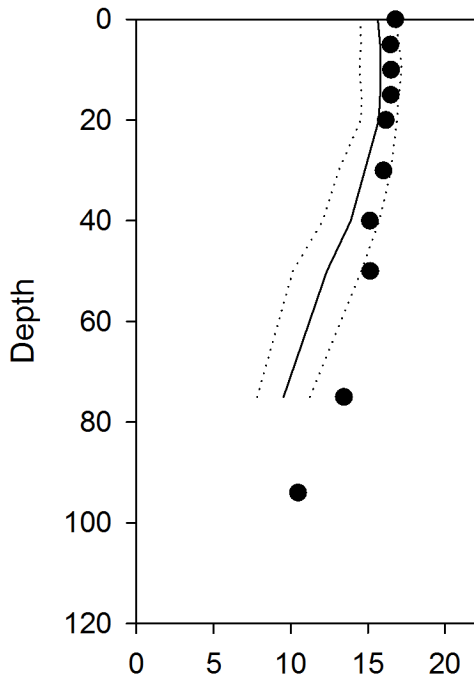
OXYGEN IN BOTTOM WATER (depth >=75m)



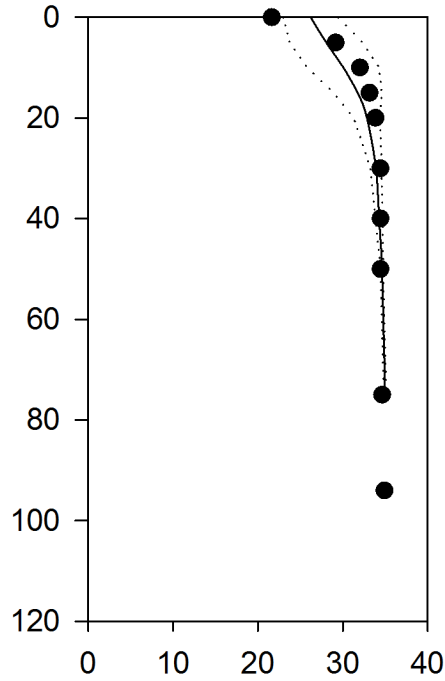
Vertical profiles Å13 September

— Mean 1996-2010 St.Dev. ● 2015

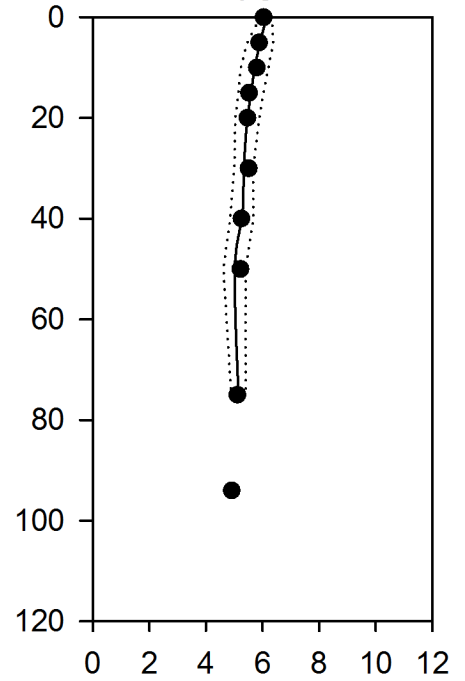
Temperature



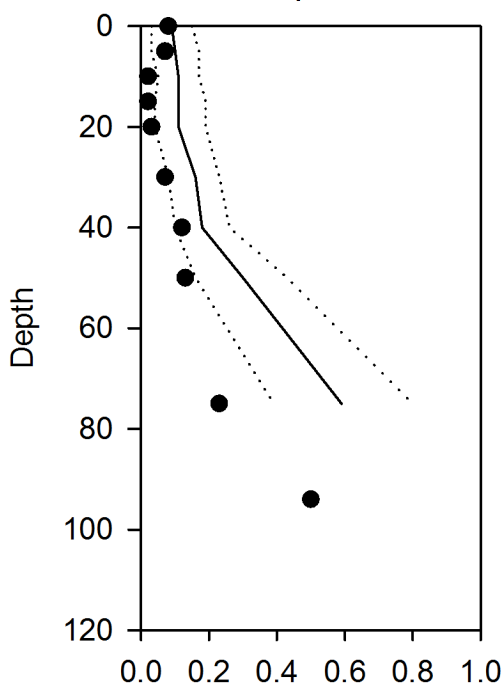
Salinity



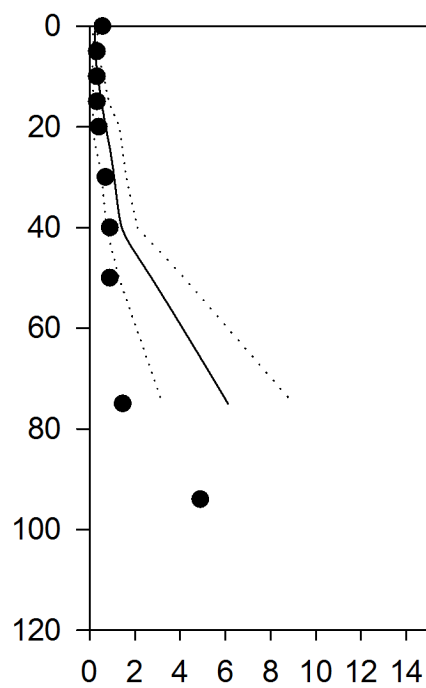
Oxygen



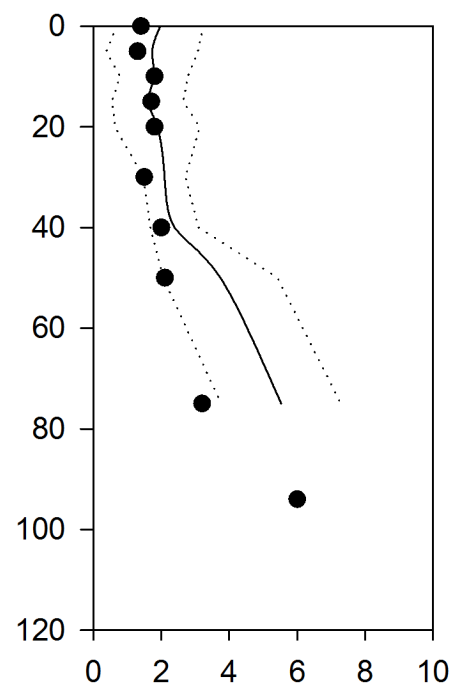
Phosphate



Inorganic Nitrogen



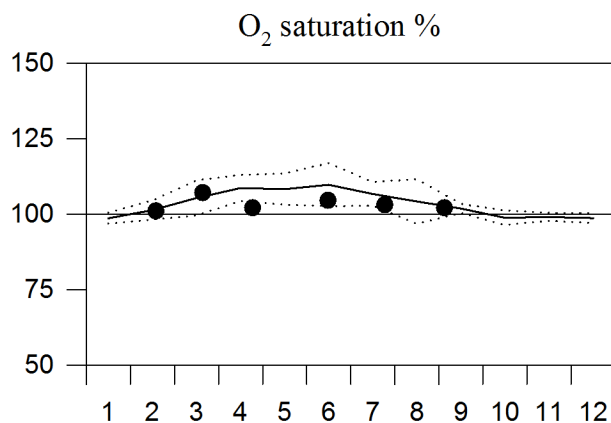
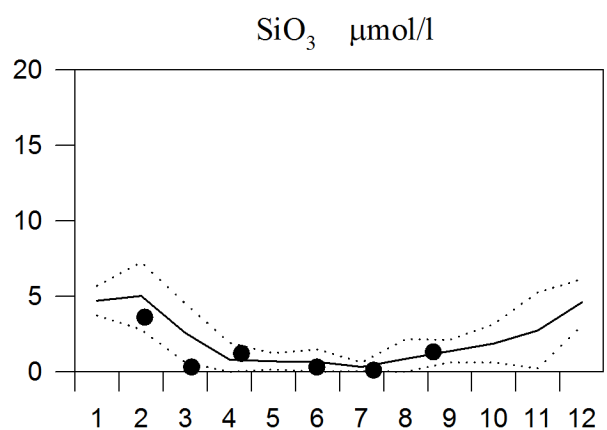
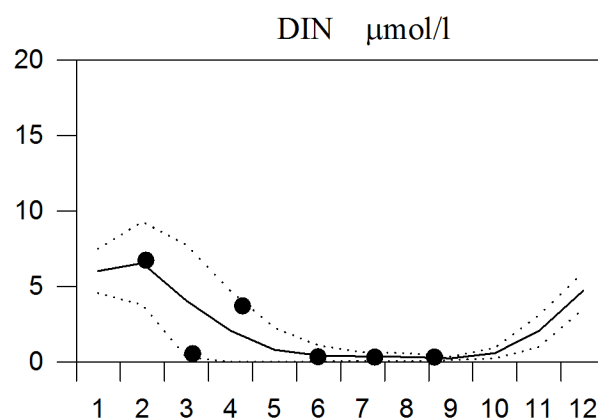
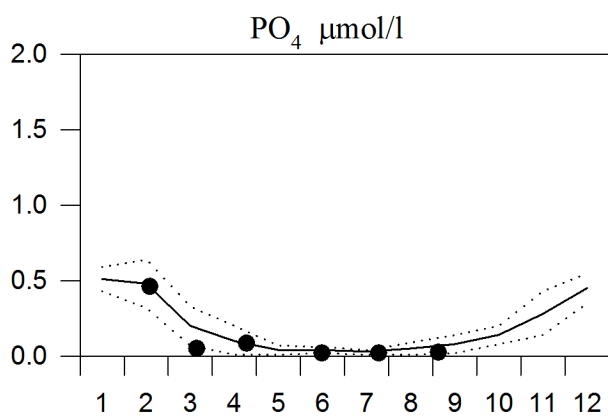
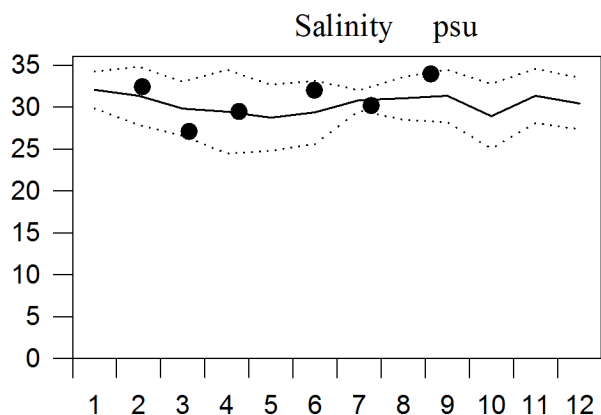
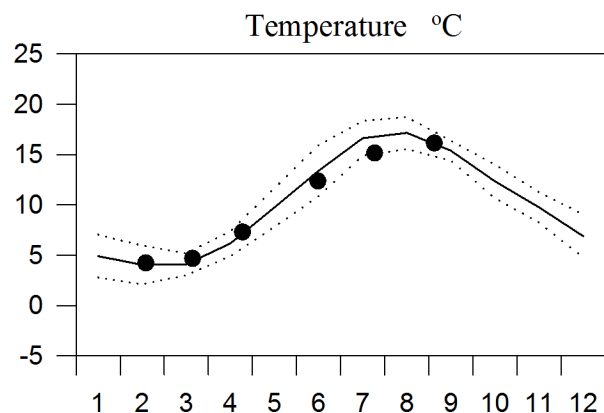
Silicate



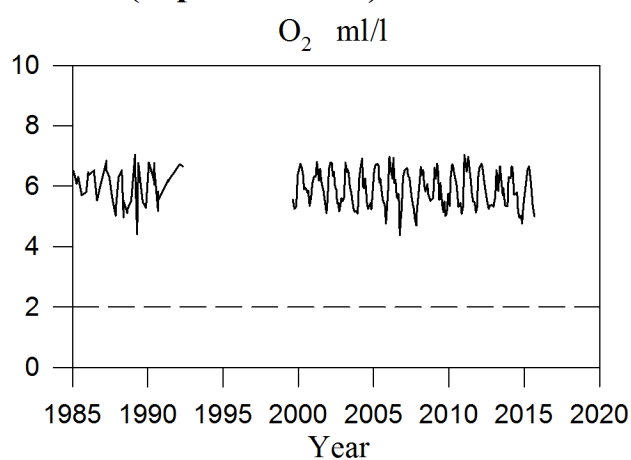
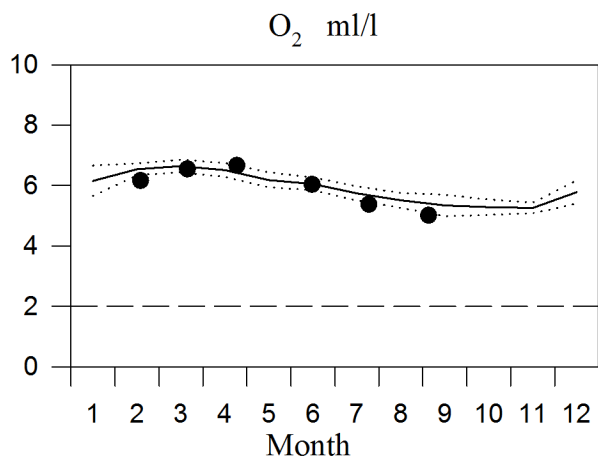
STATION Å15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015



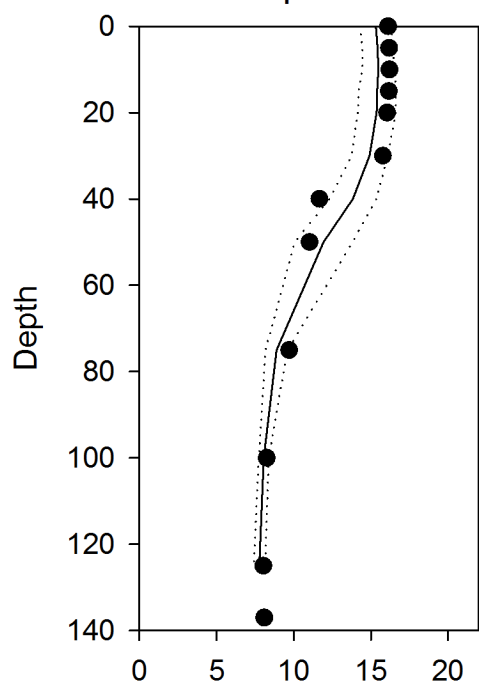
OXYGEN IN BOTTOM WATER (depth >=125m)



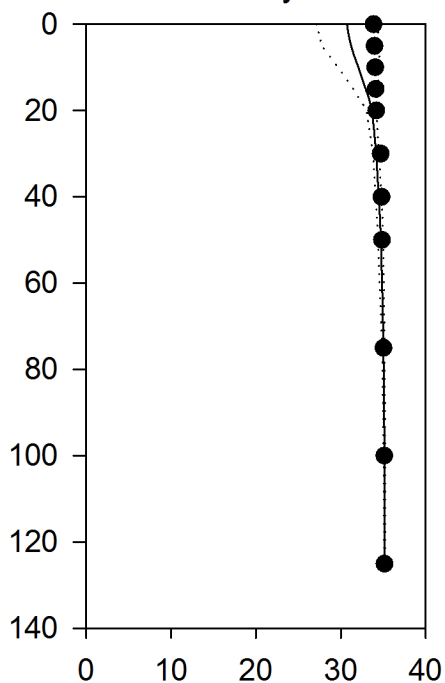
Vertical profiles Å15 September

— Mean 1996-2010 St.Dev. ● 2015

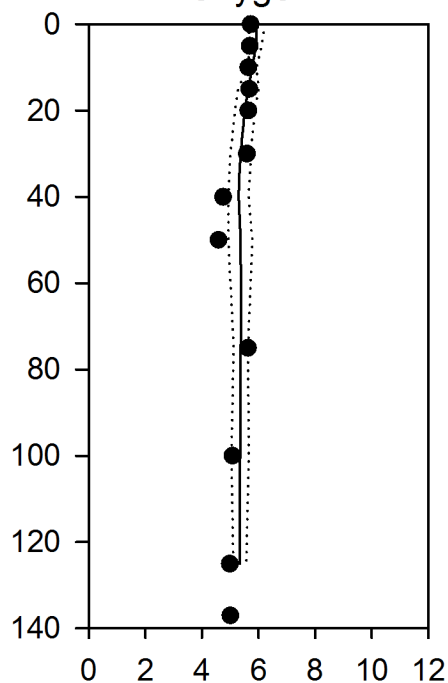
Temperature



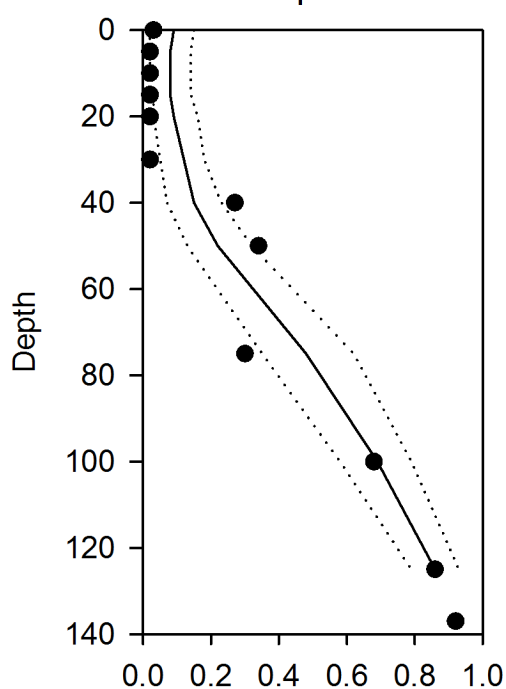
Salinity



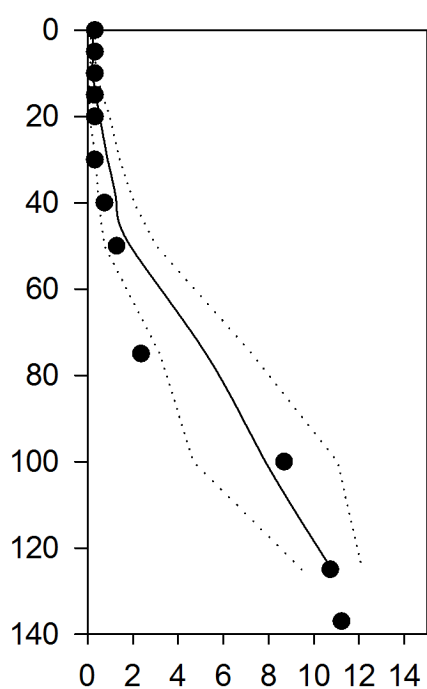
Oxygen



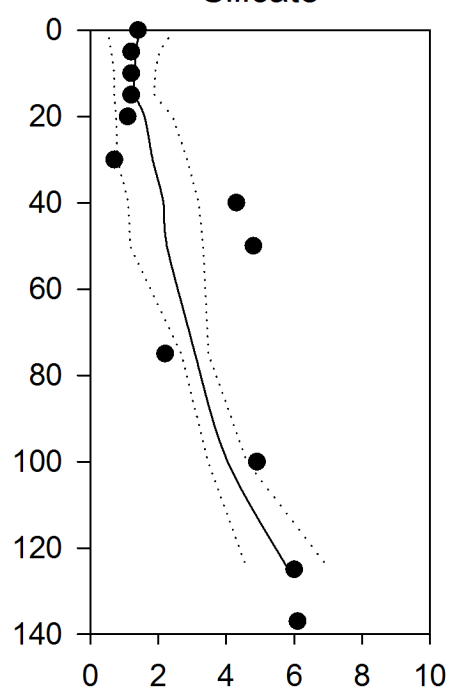
Phosphate



Inorganic Nitrogen



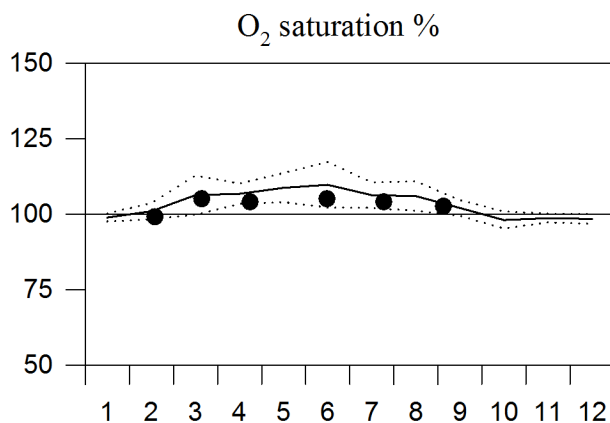
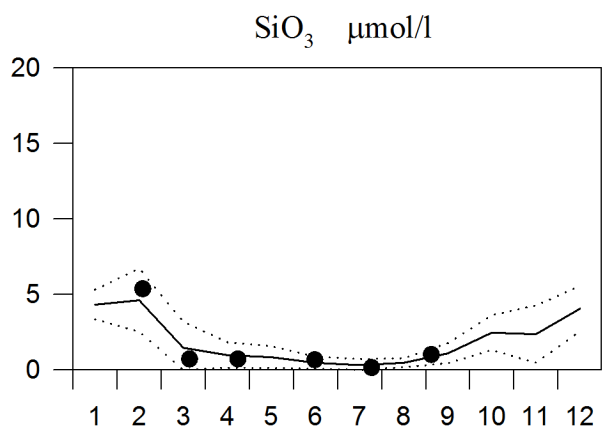
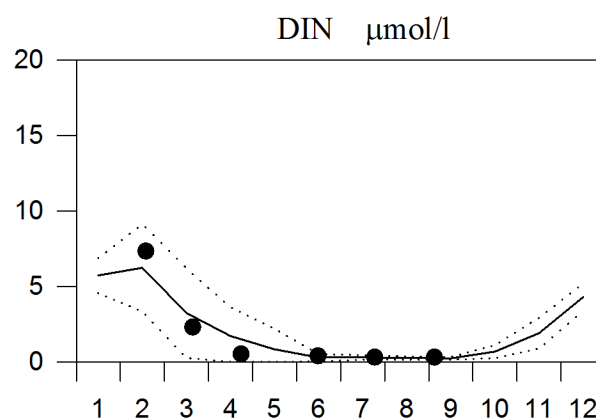
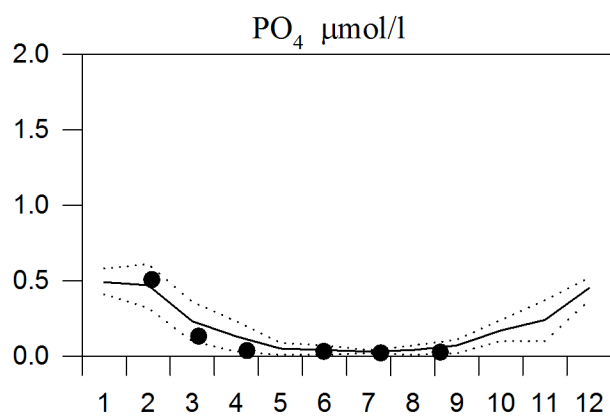
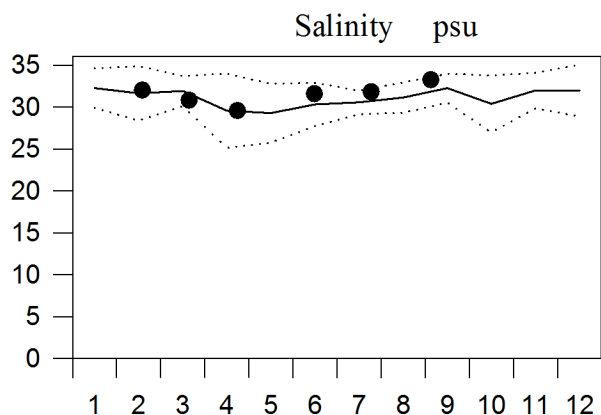
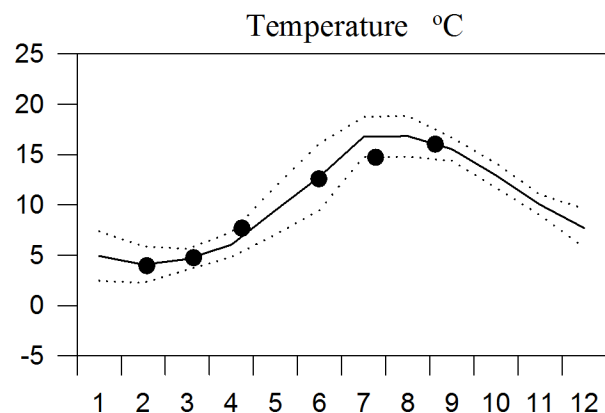
Silicate



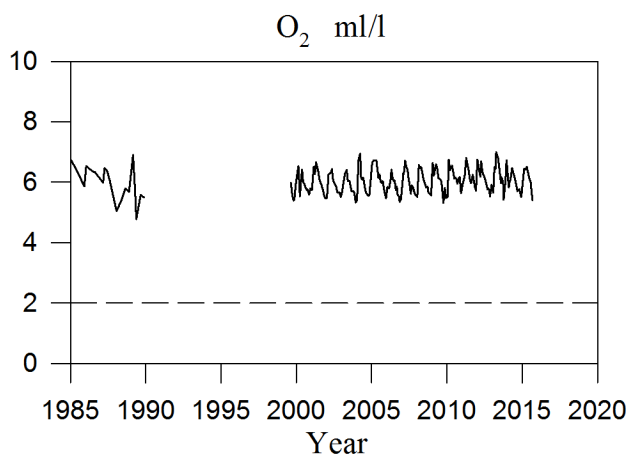
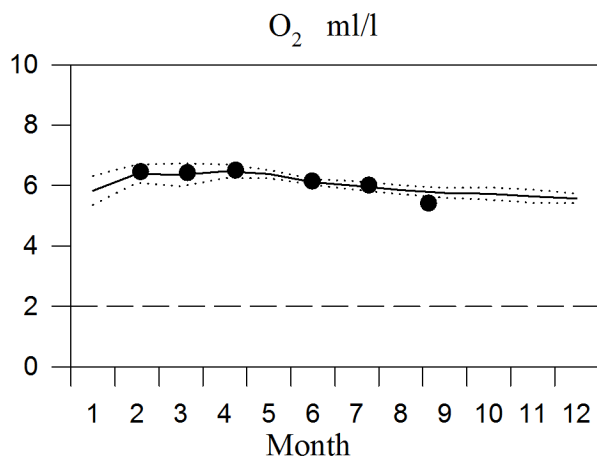
STATION Å17 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015



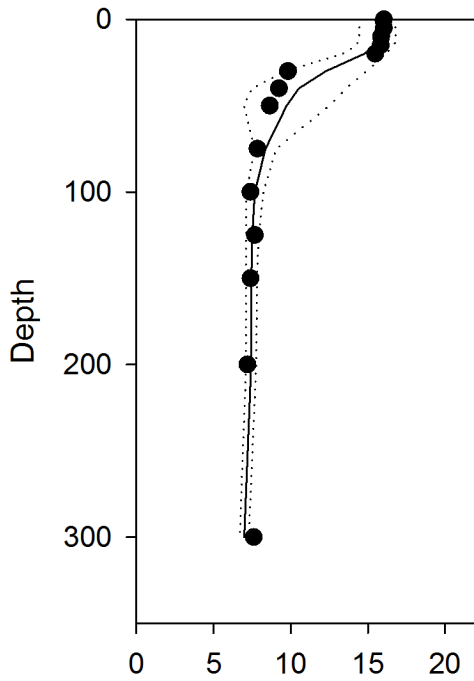
OXYGEN IN BOTTOM WATER (depth = 300m)



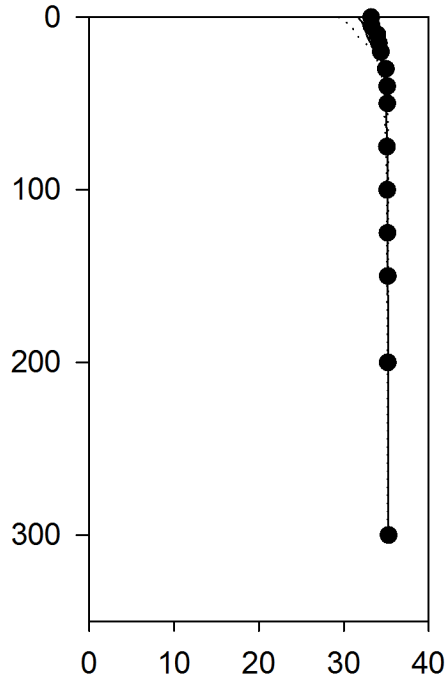
Vertical profiles Å17 September

— Mean 1996-2010 St.Dev. ● 2015

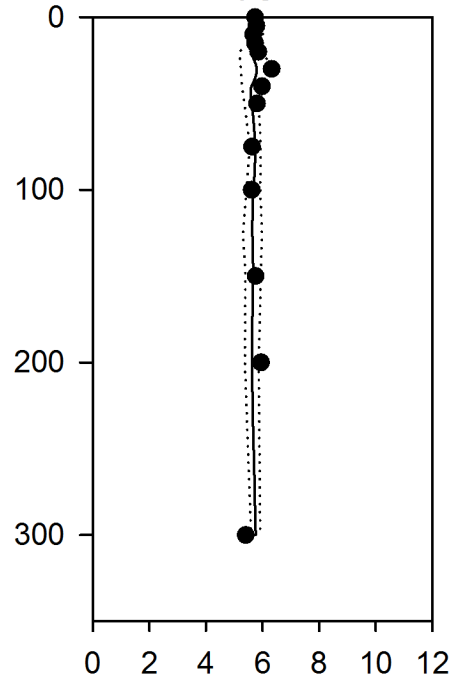
Temperature



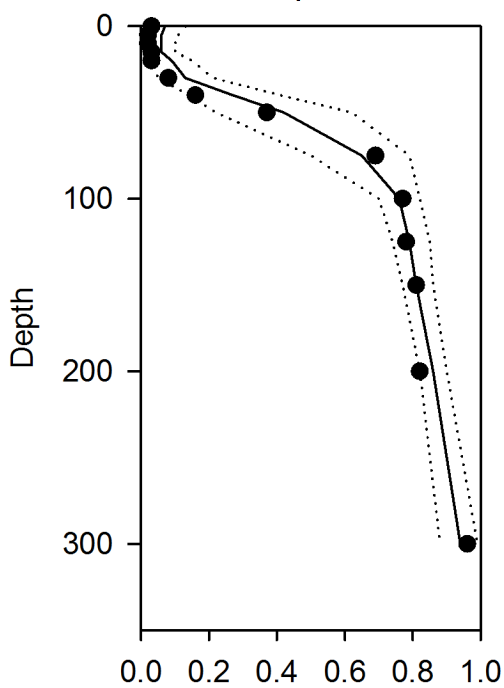
Salinity



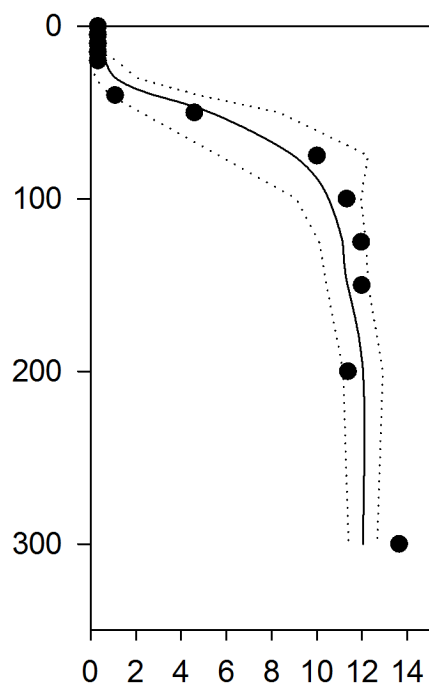
Oxygen



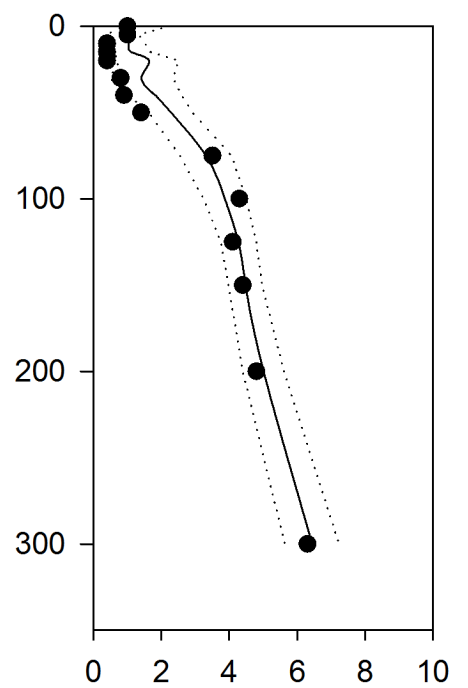
Phosphate



Inorganic Nitrogen



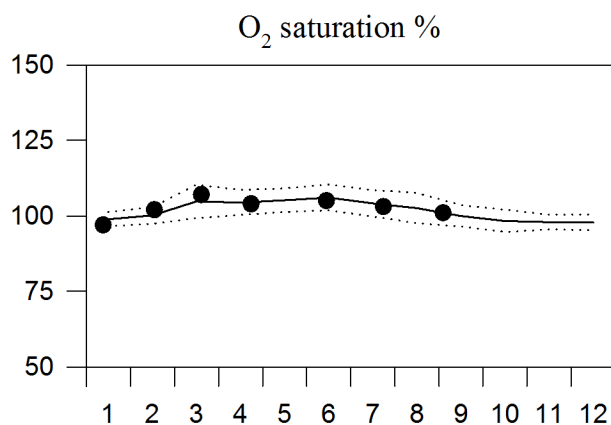
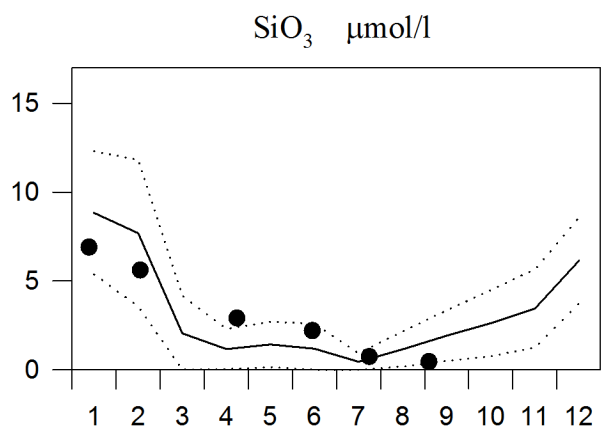
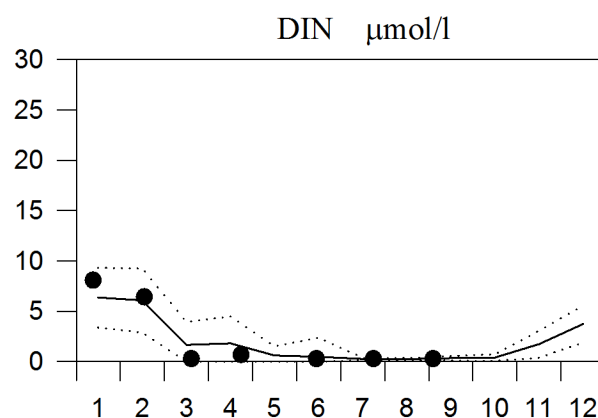
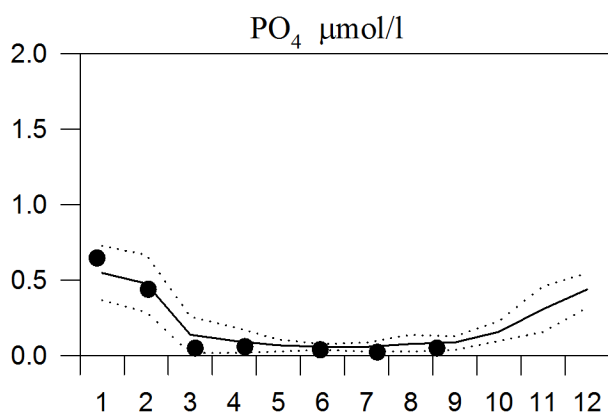
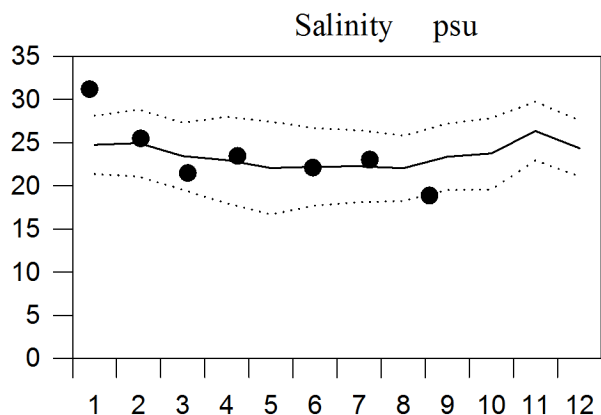
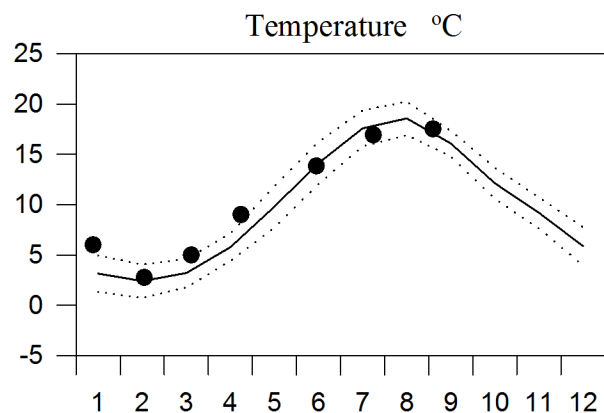
Silicate



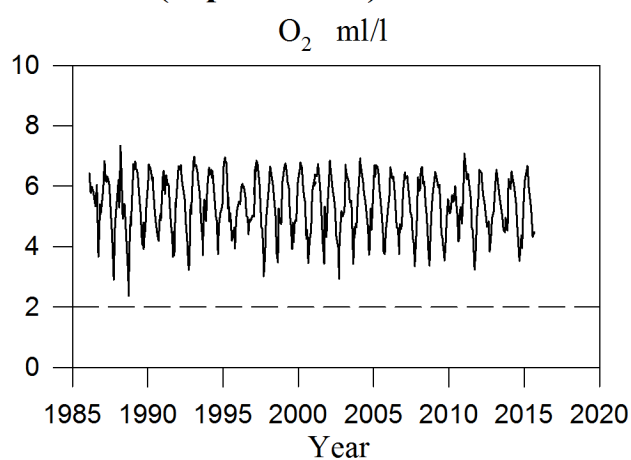
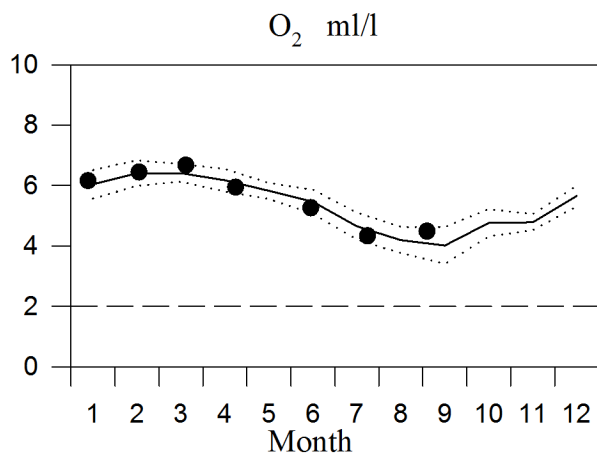
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

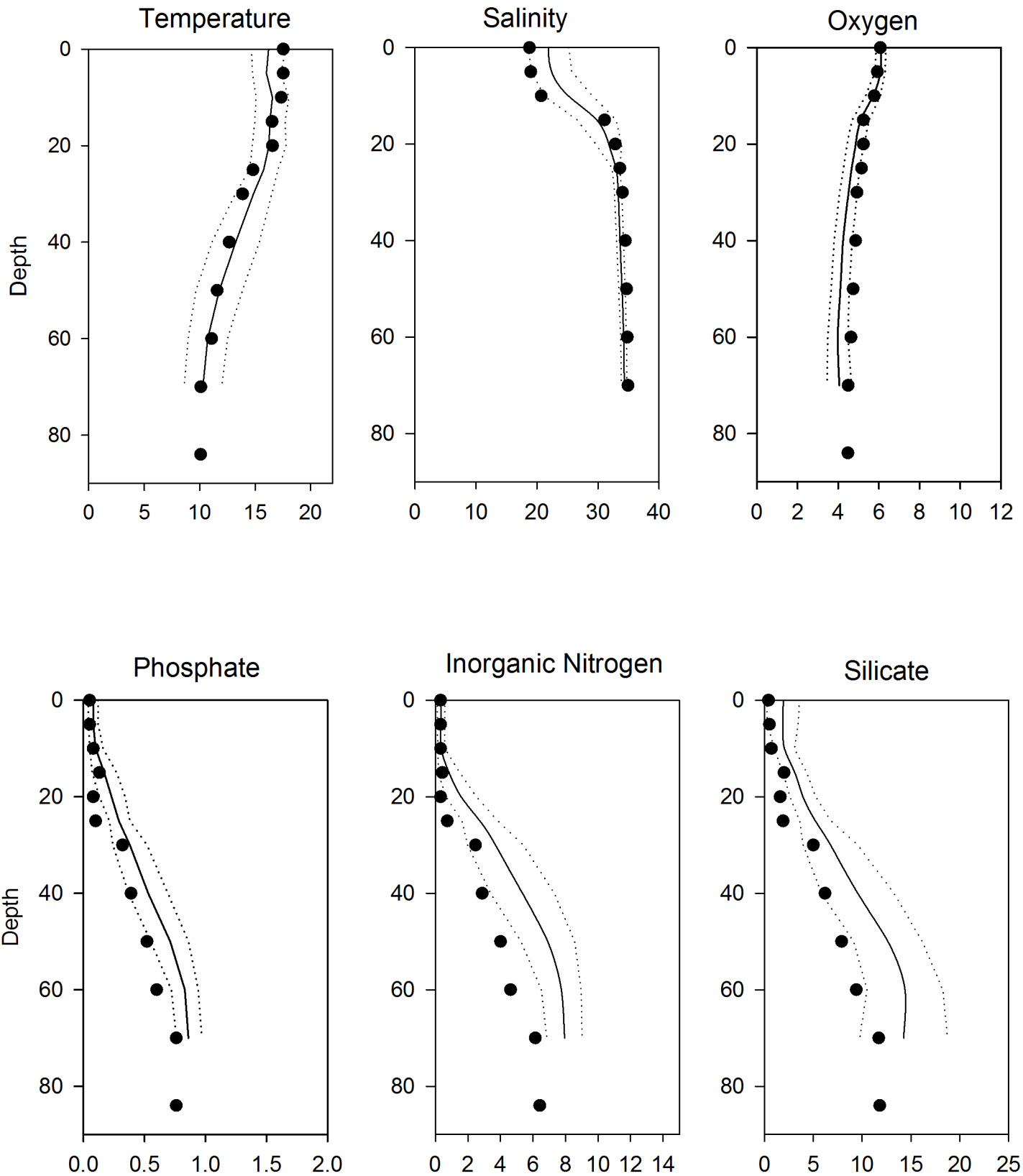


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Fladen September

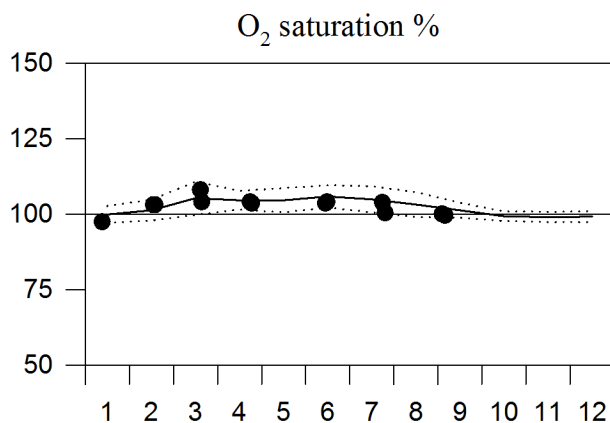
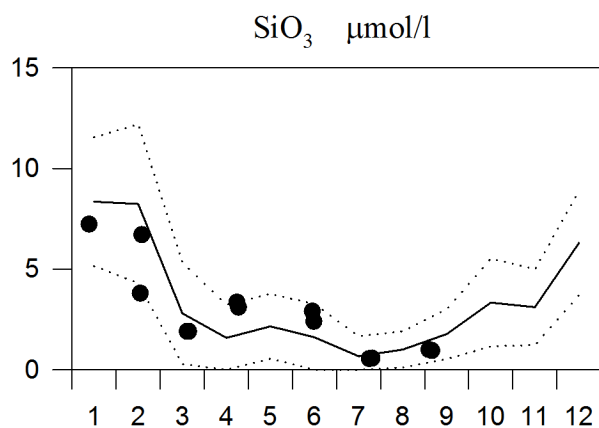
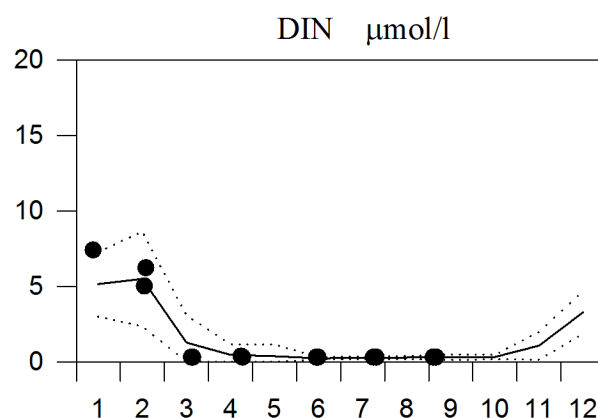
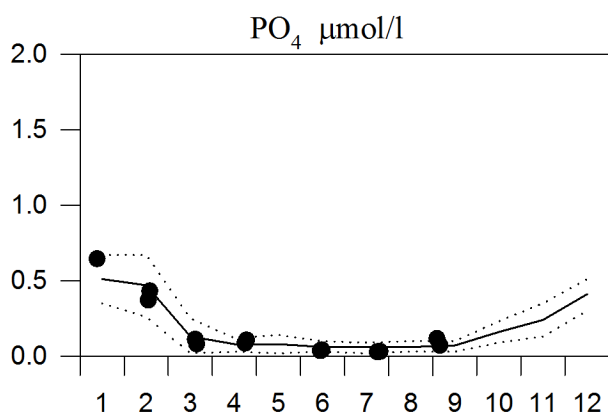
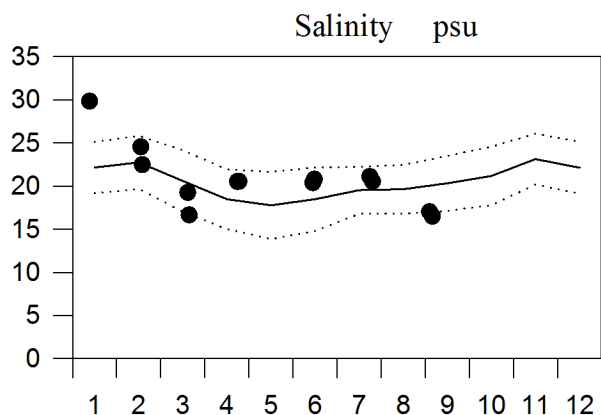
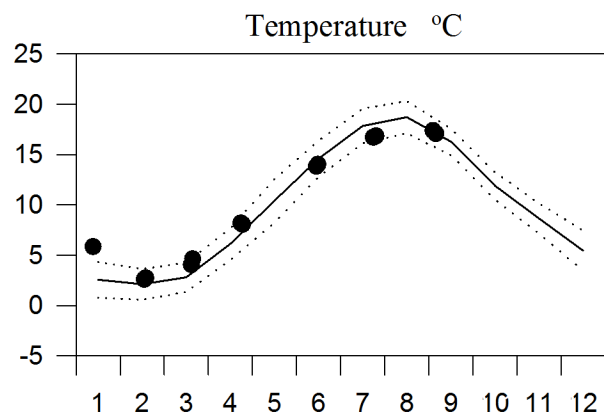
— Mean 1996-2010 St.Dev. ● 2015



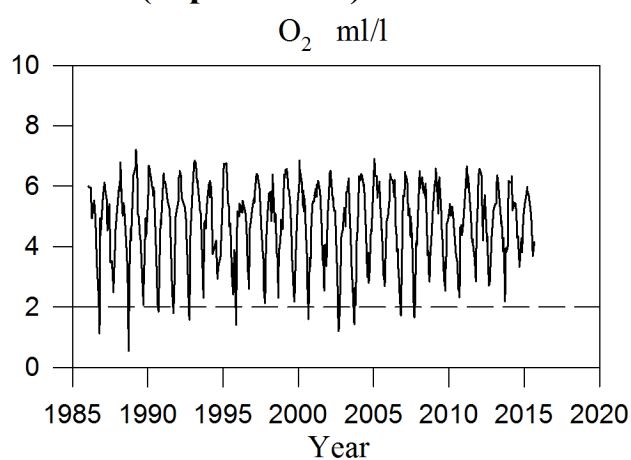
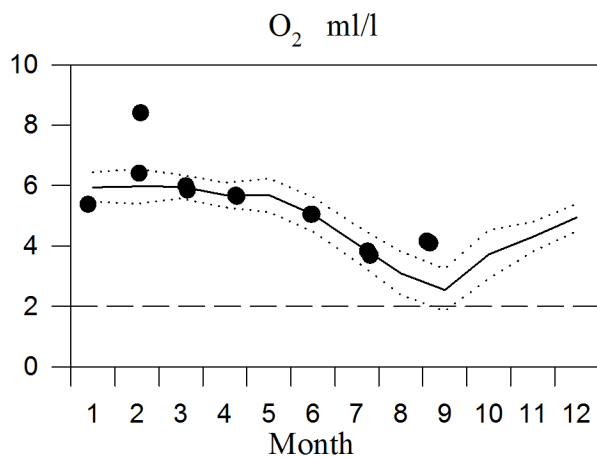
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

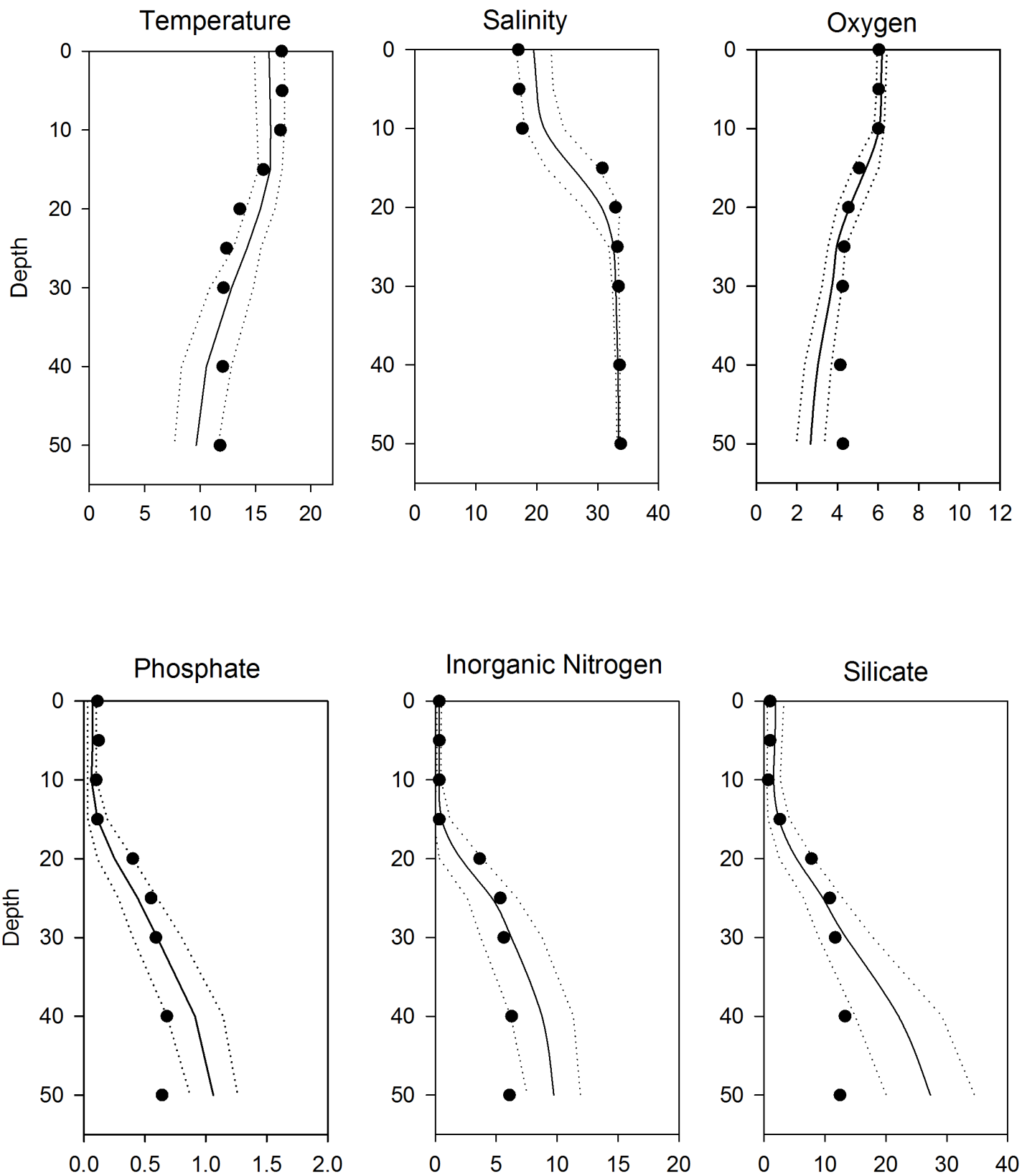


OXYGEN IN BOTTOM WATER (depth > 50m)



Vertical profiles Anholt E September

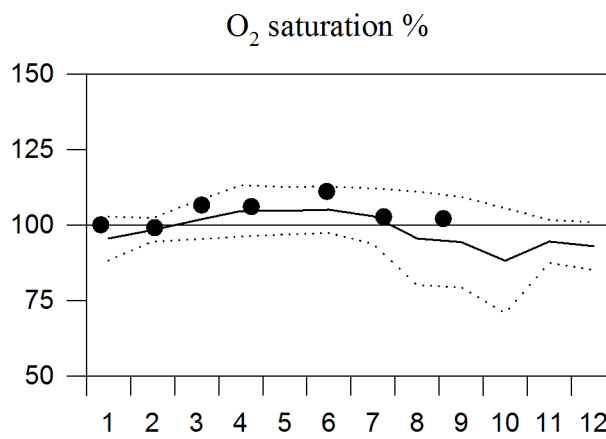
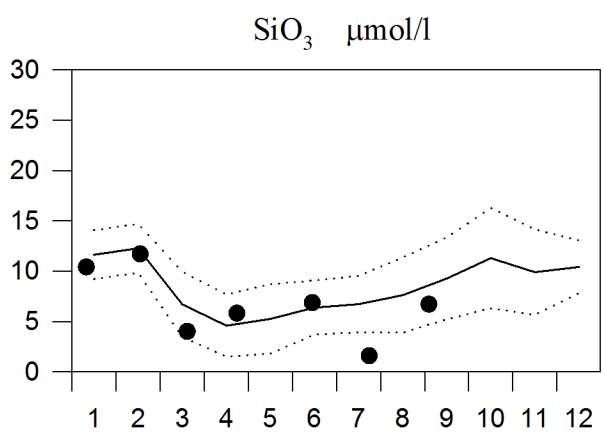
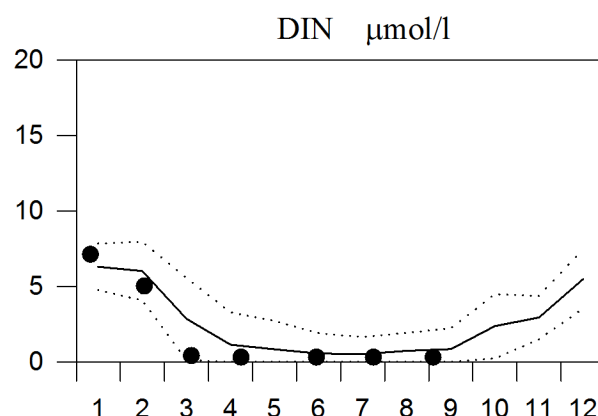
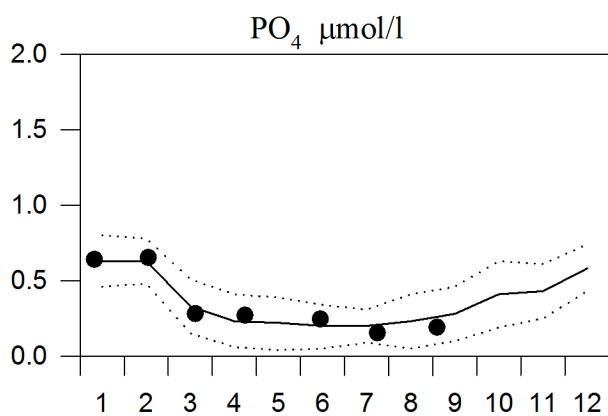
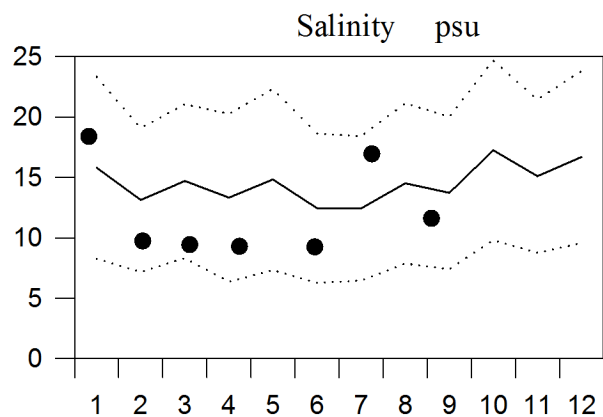
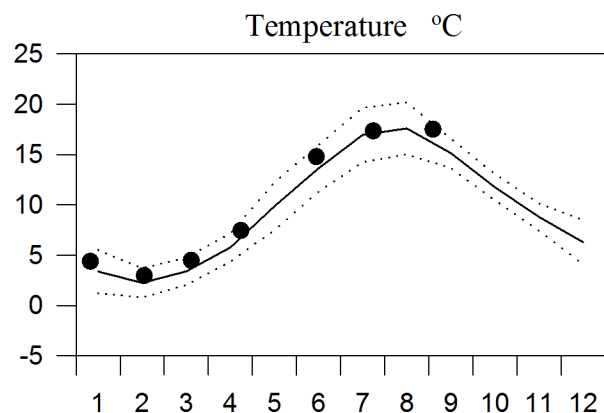
— Mean 1996-2010 St.Dev. ● 2015



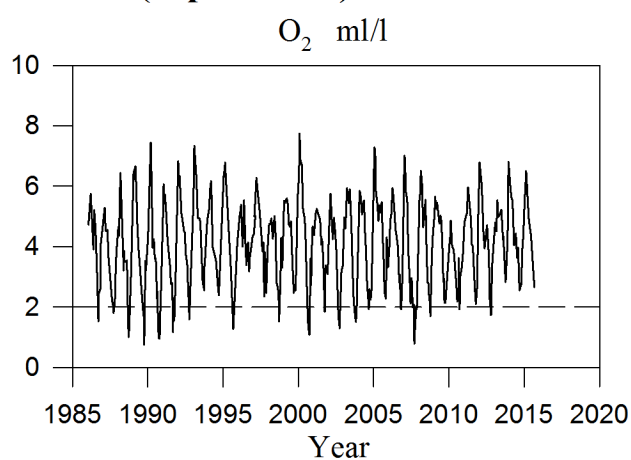
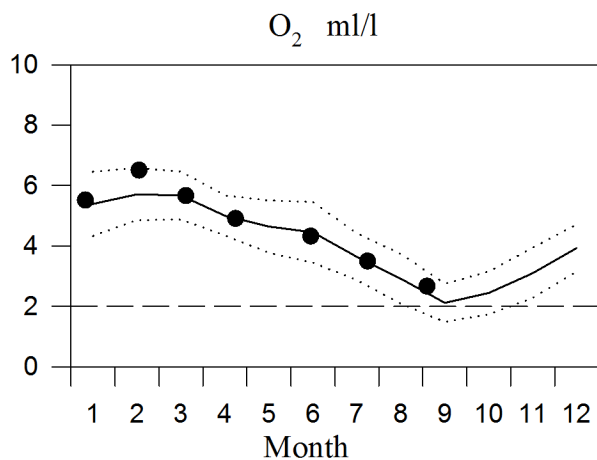
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

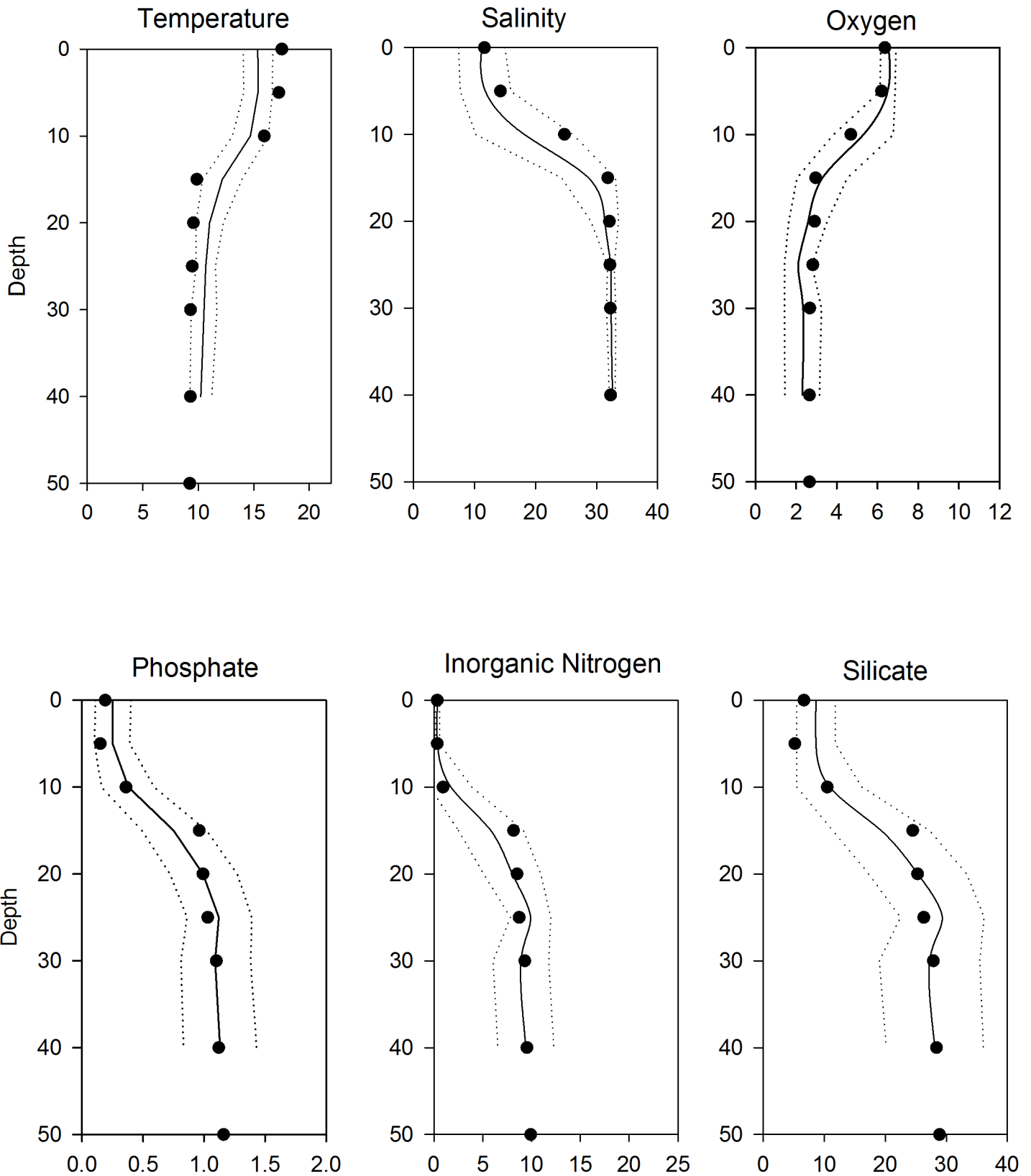


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles W Landskrona September

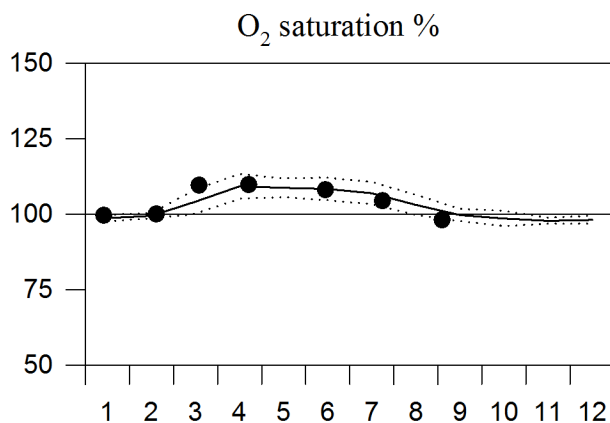
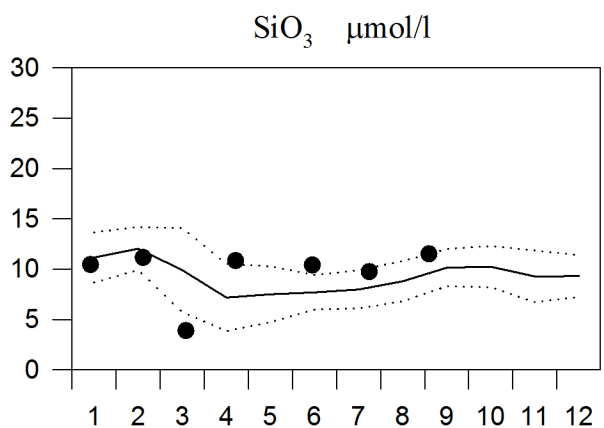
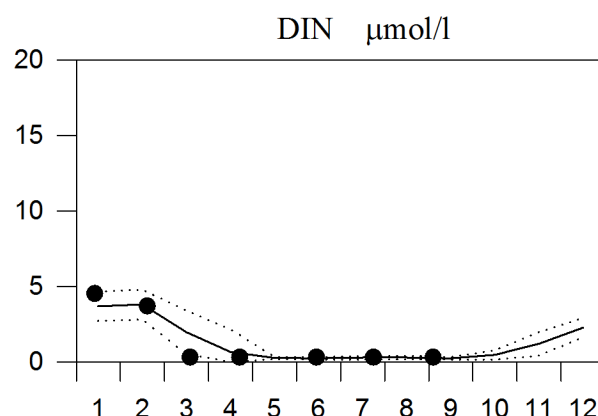
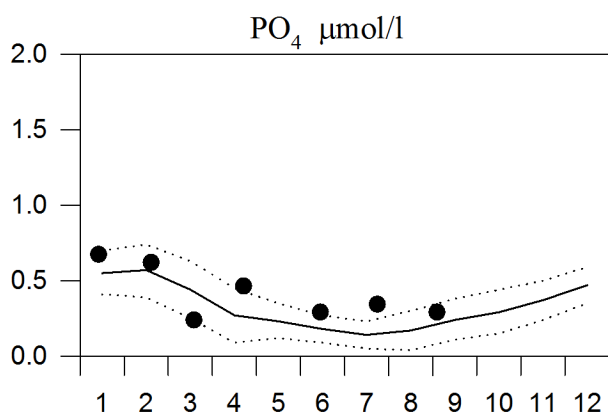
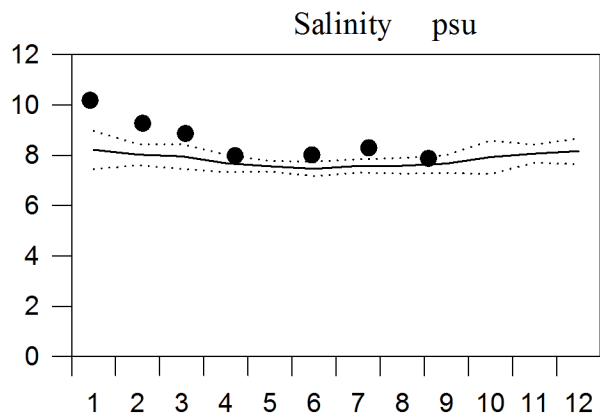
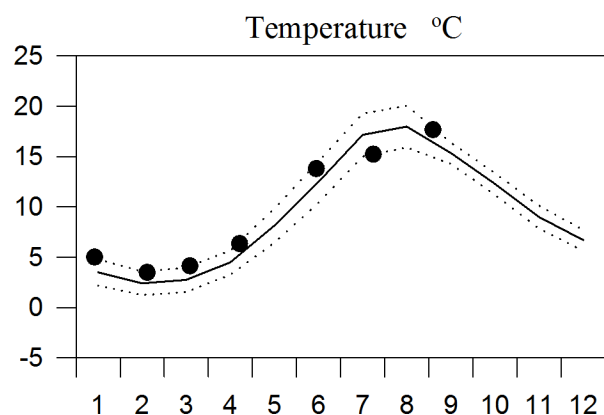
— Mean 1996-2010 St.Dev. ● 2015



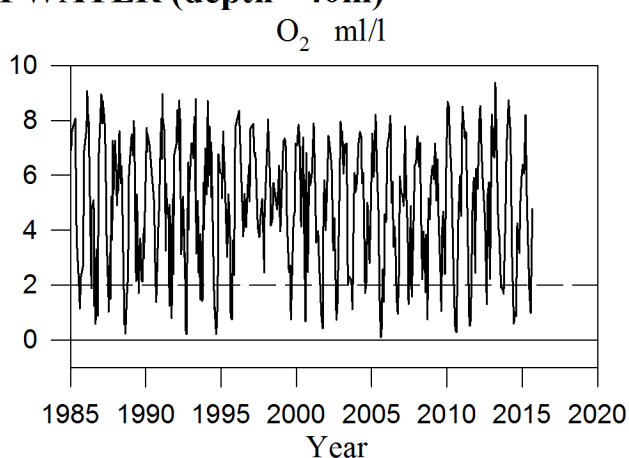
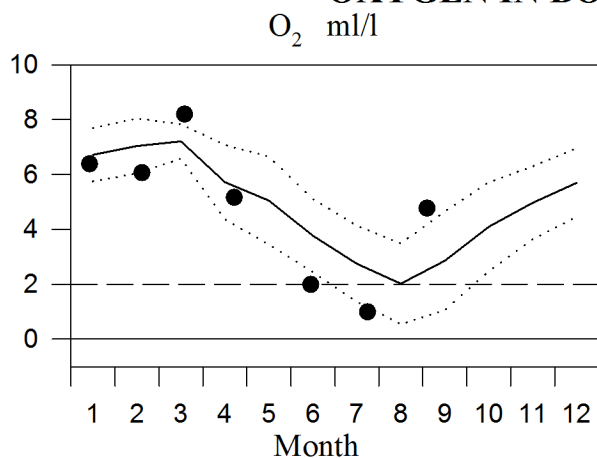
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

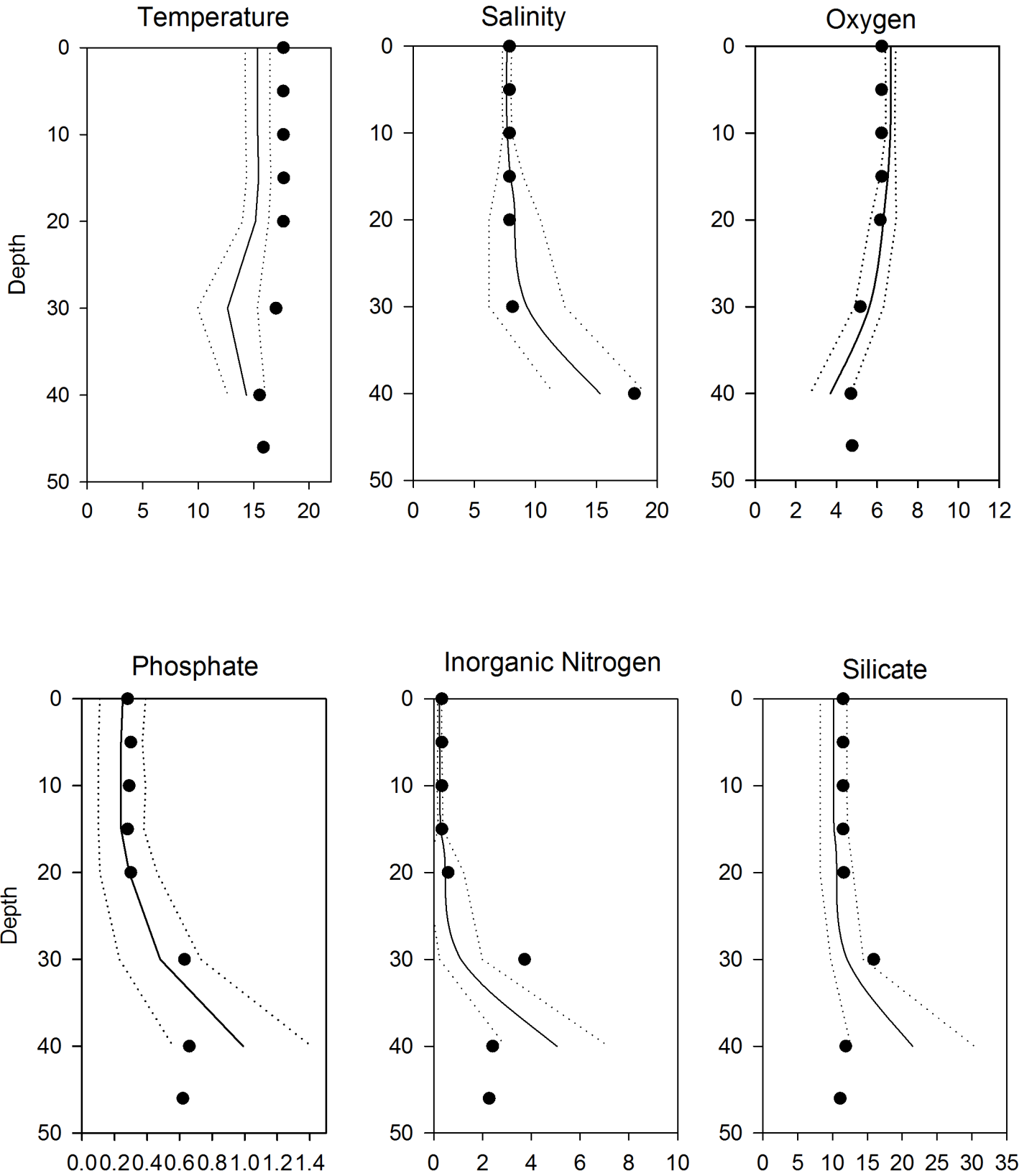


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY1 September

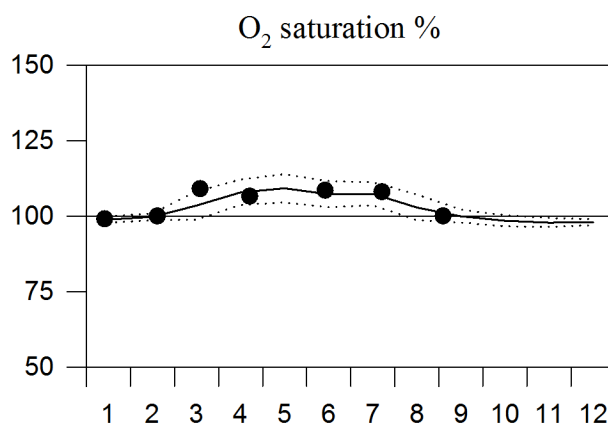
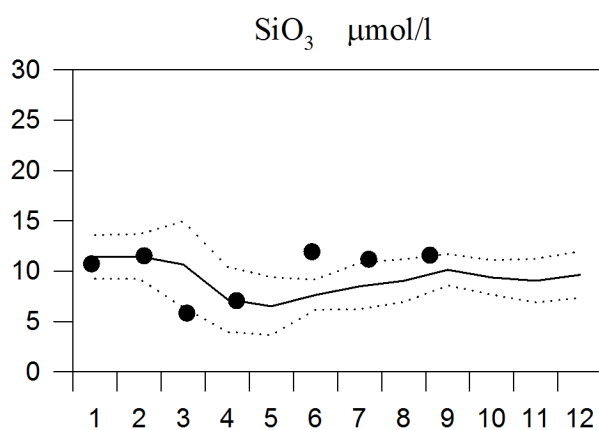
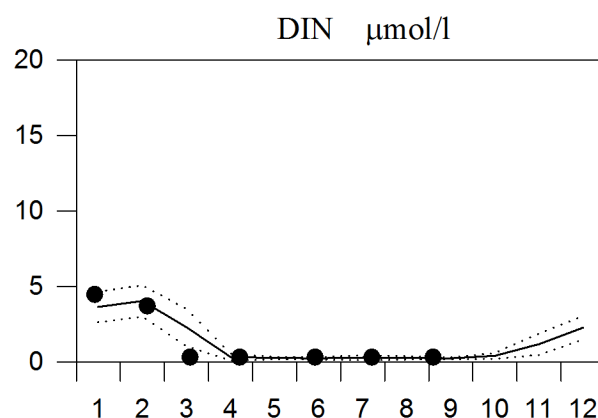
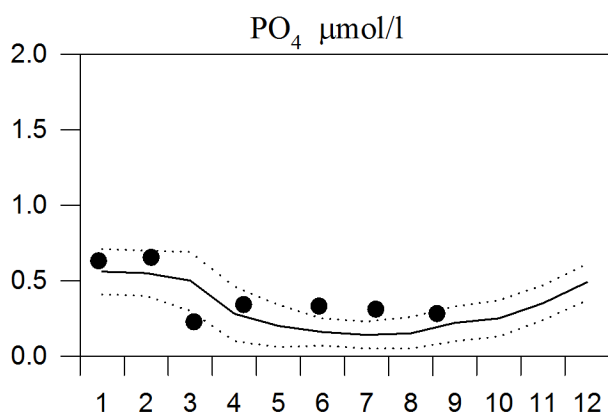
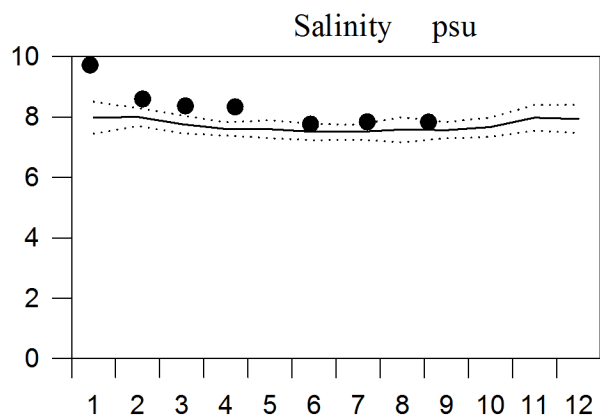
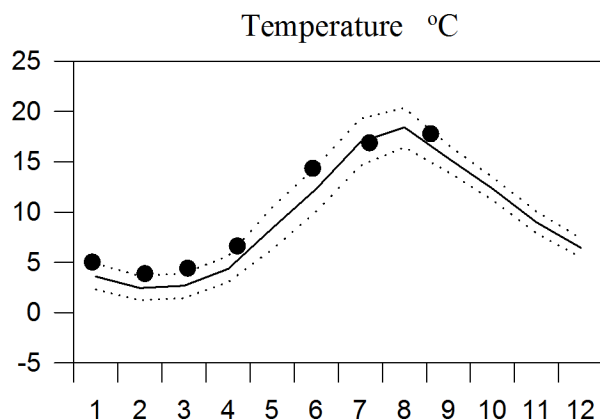
— Mean 1996-2010 St.Dev. ● 2015



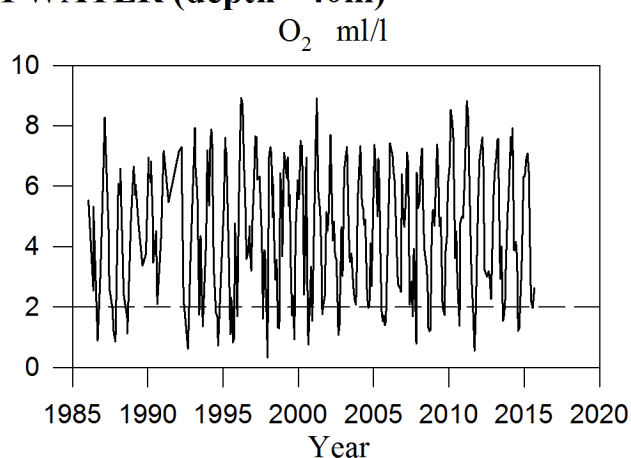
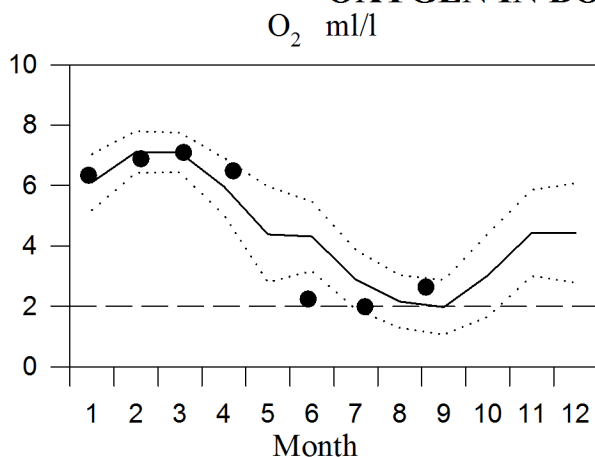
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

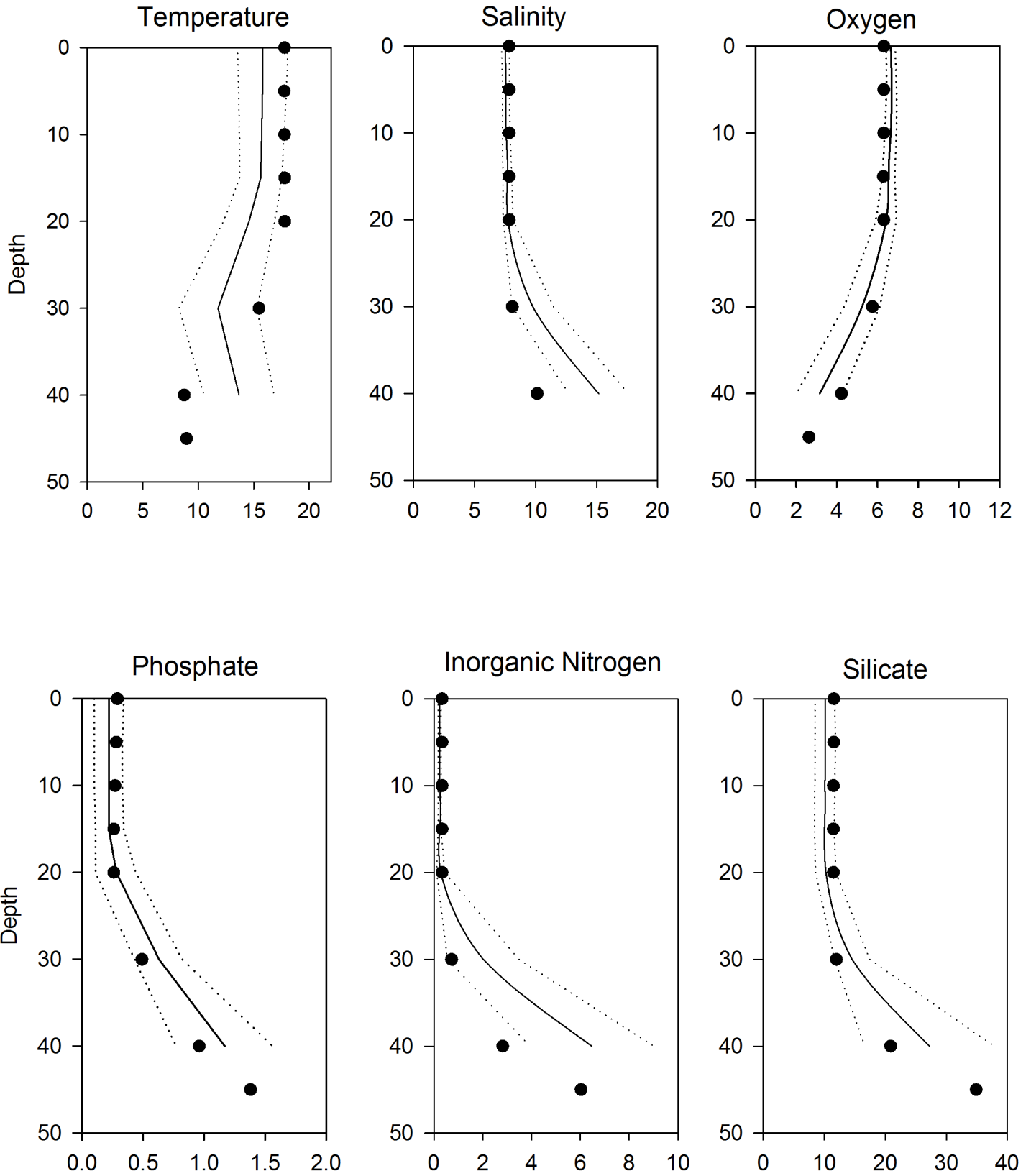


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY2 September

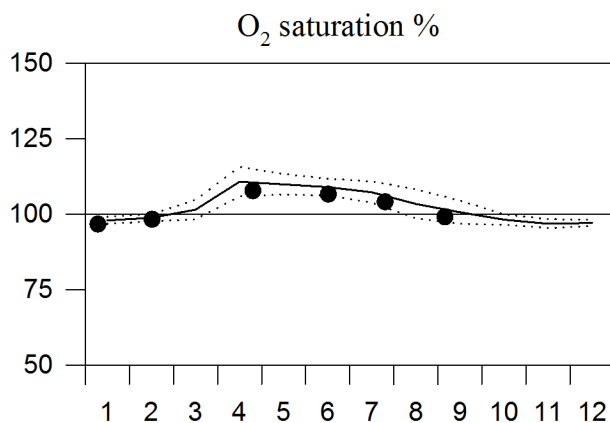
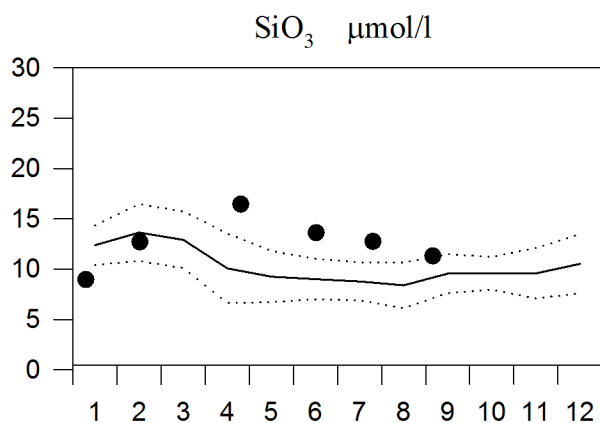
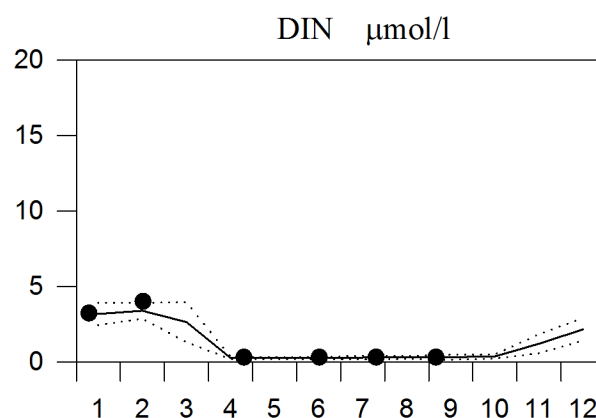
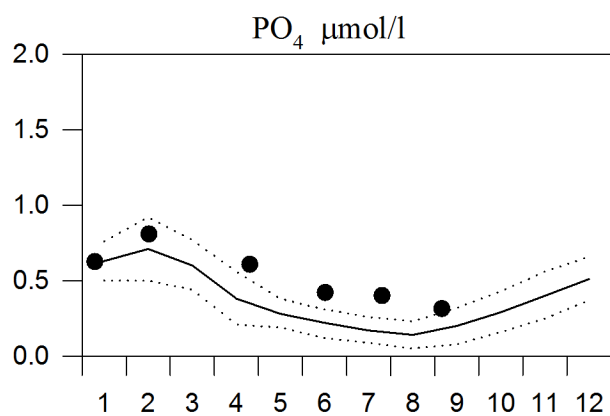
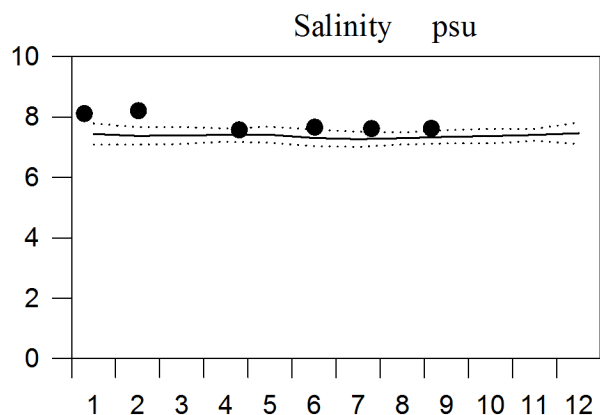
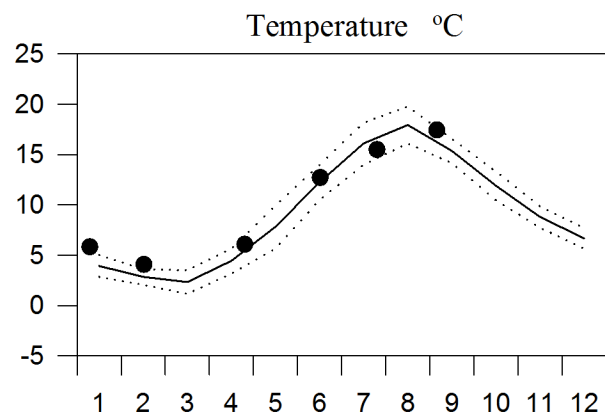
— Mean 1996-2010 St.Dev. ● 2015



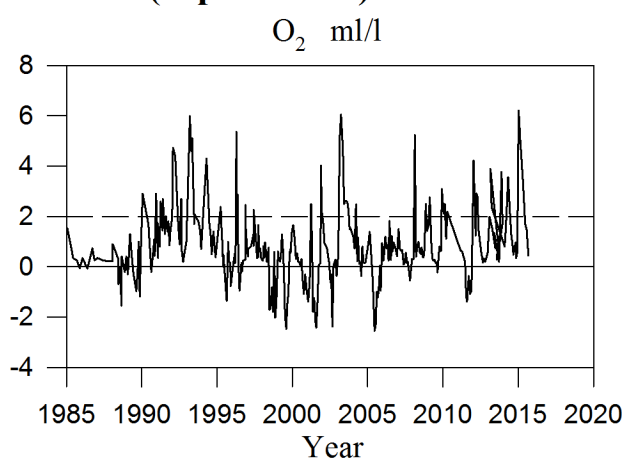
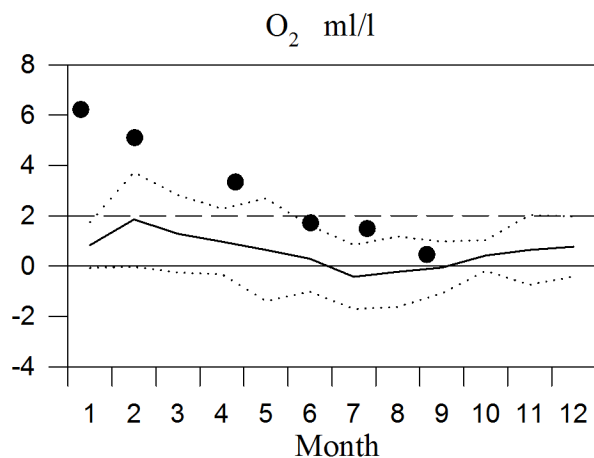
STATION HANÖBUKTEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

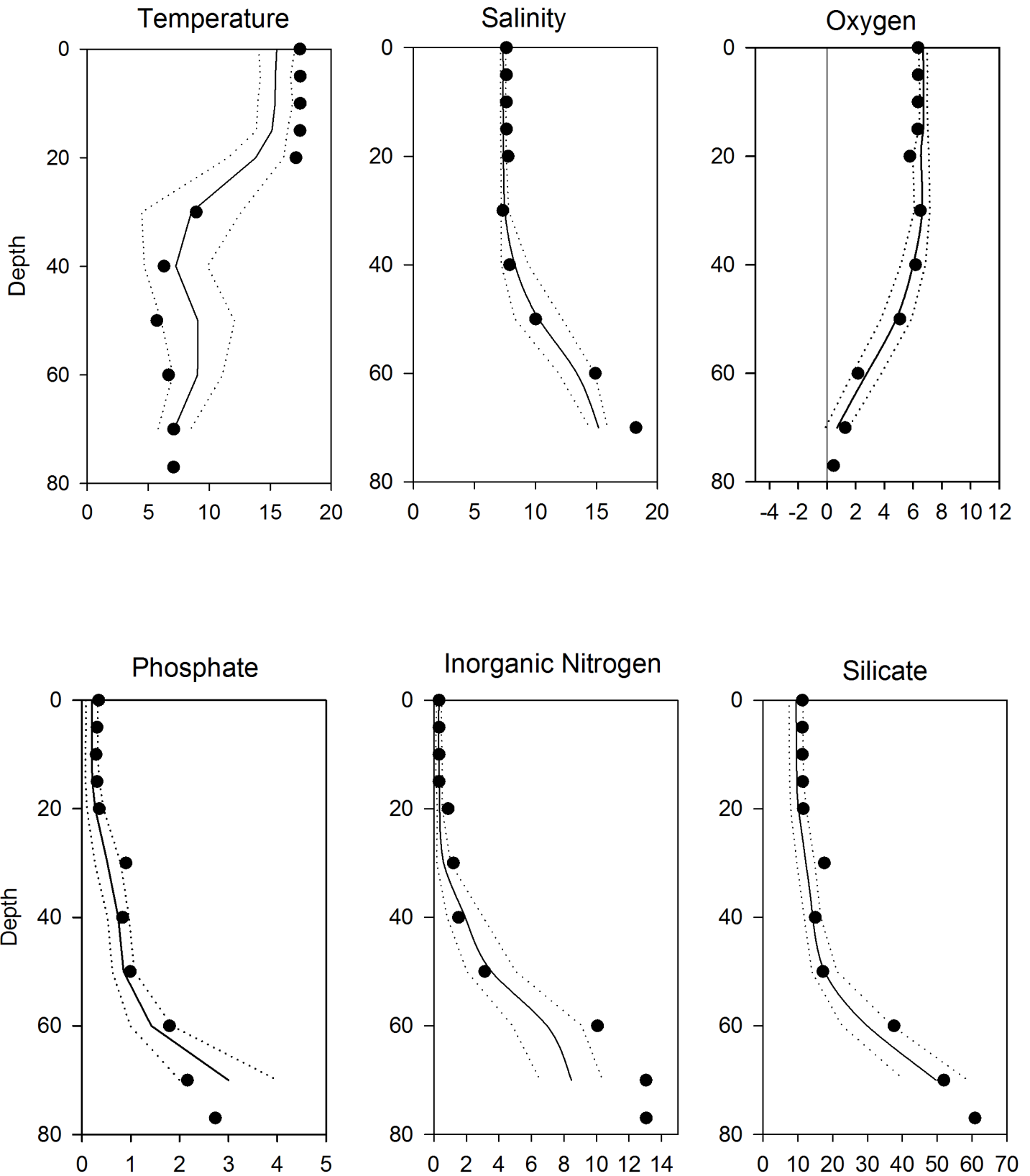


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Hanöbukten September

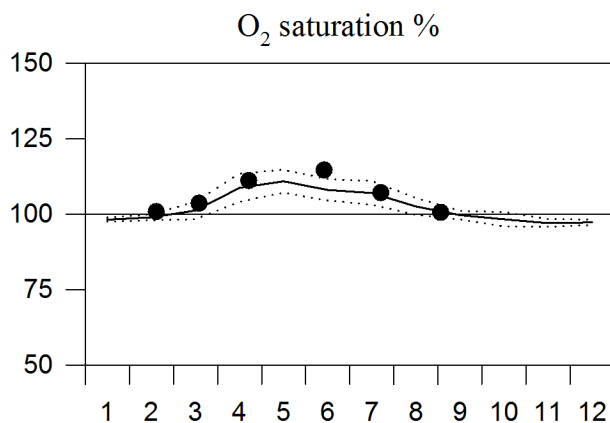
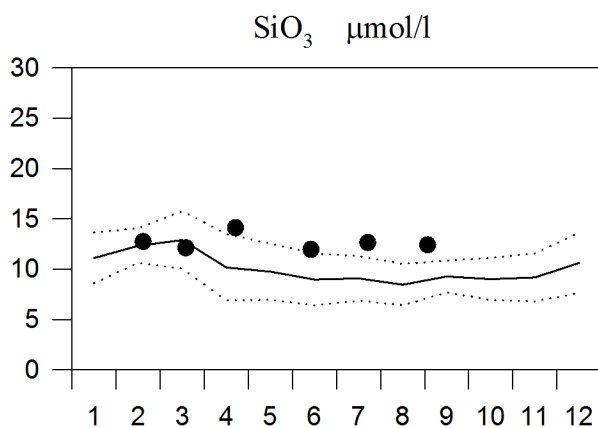
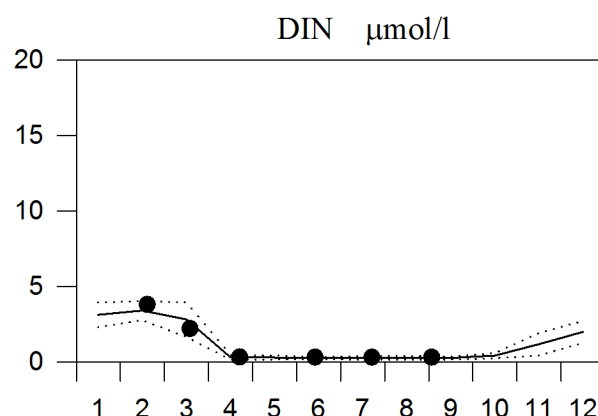
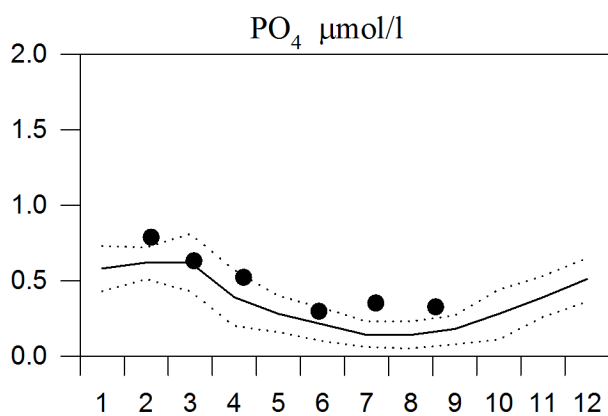
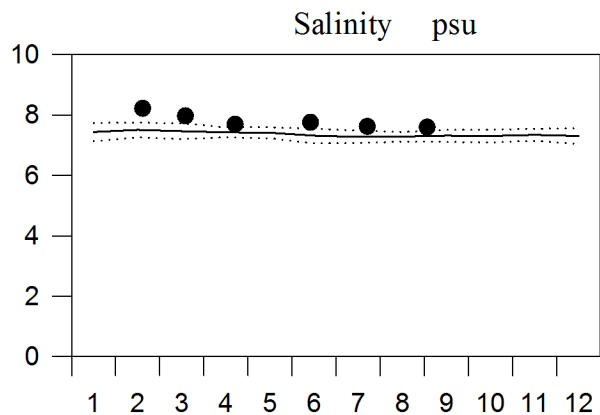
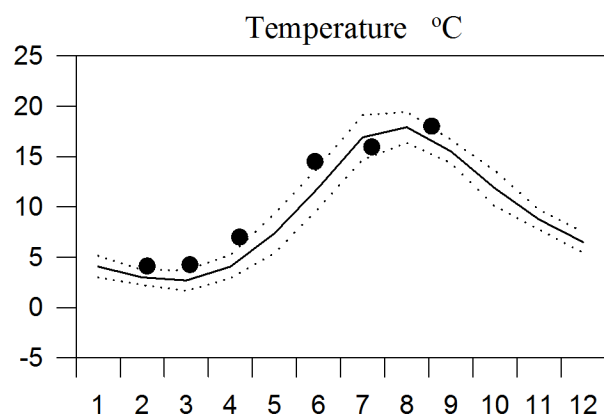
— Mean 1996-2010 St.Dev. ● 2015



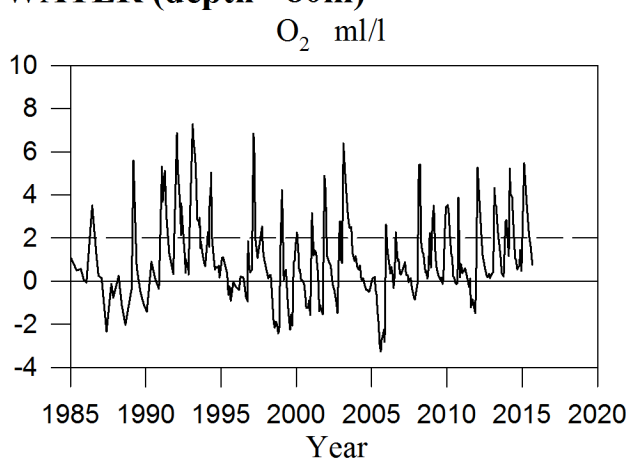
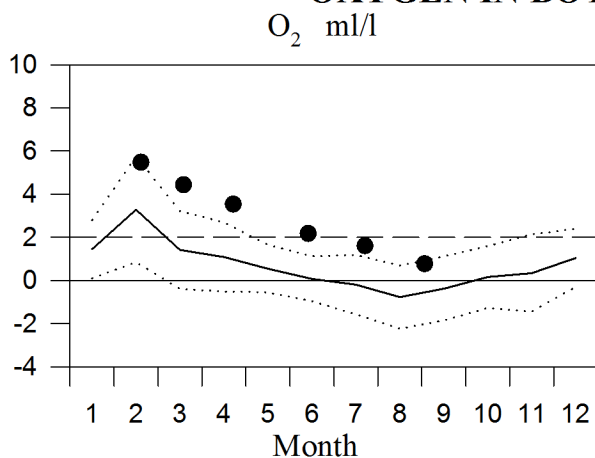
STATION BY4 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

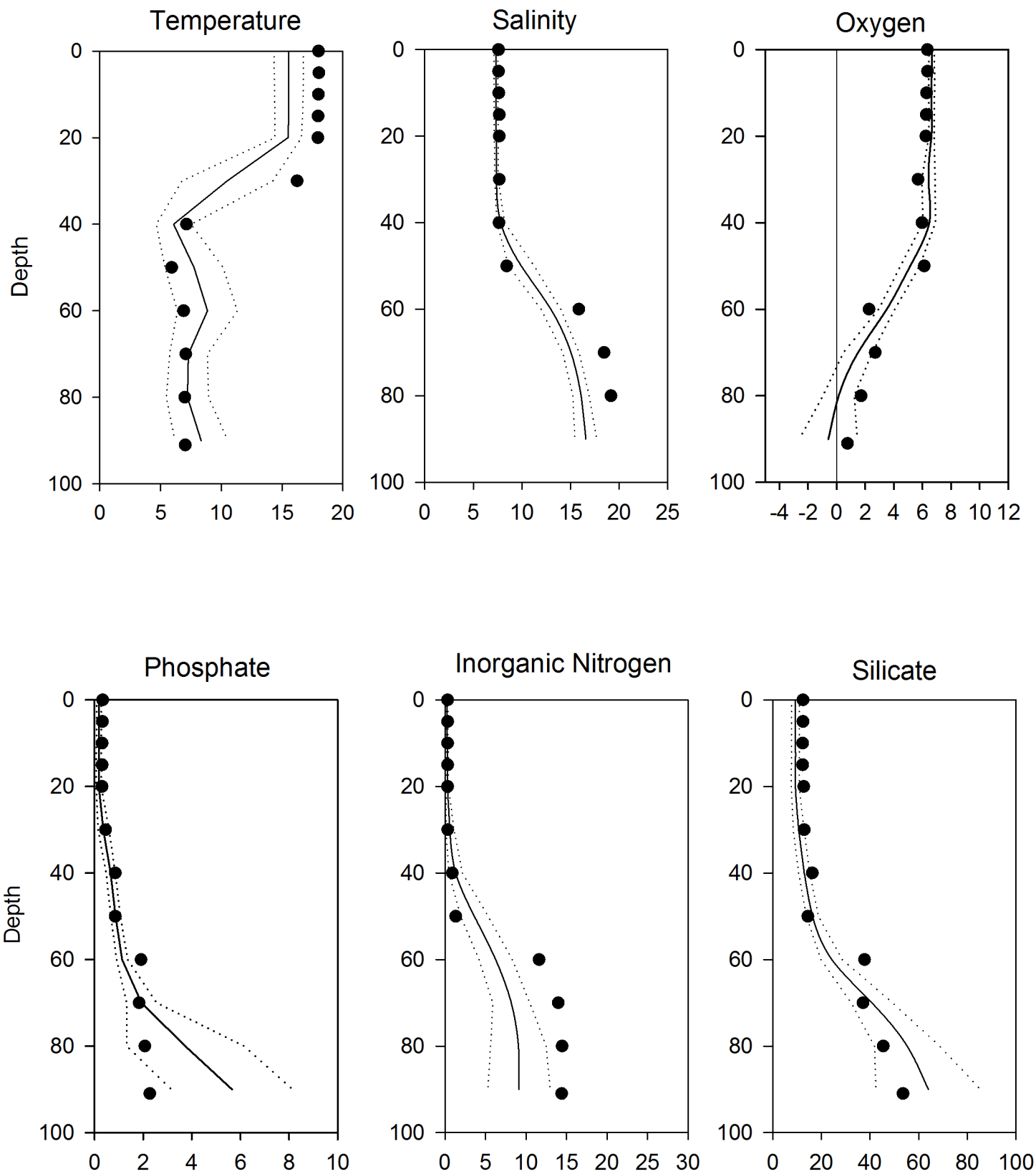


OXYGEN IN BOTTOM WATER (depth >80m)



Vertical profiles BY4 September

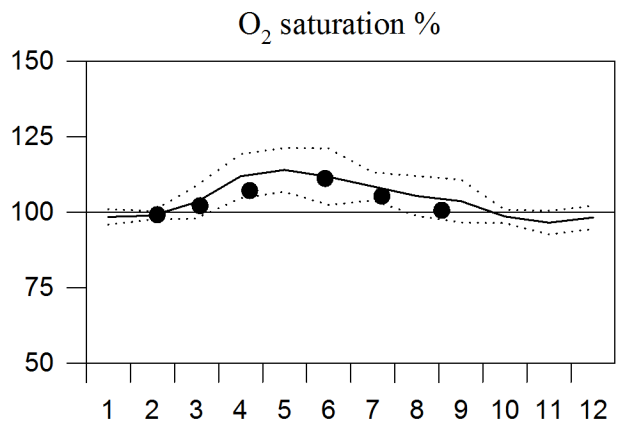
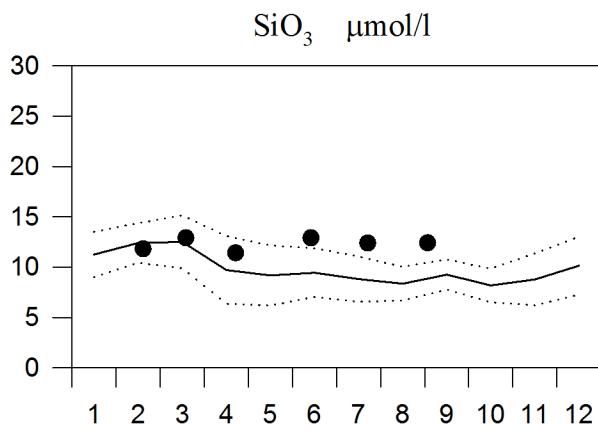
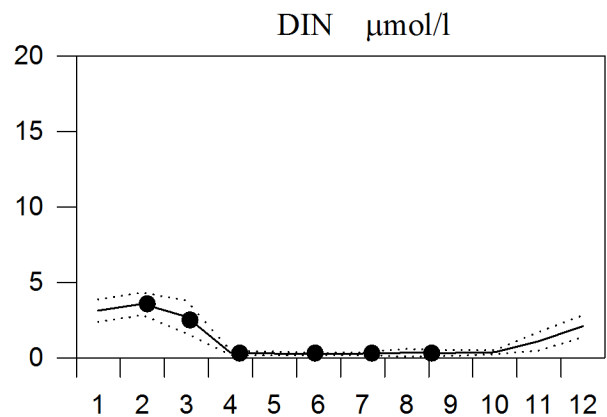
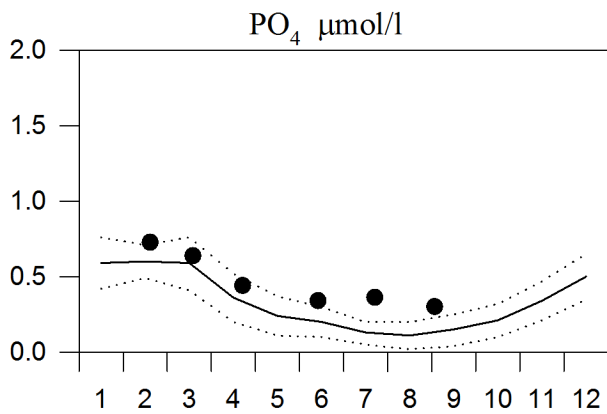
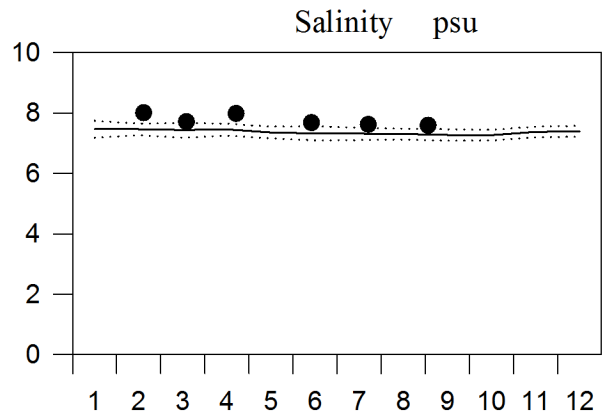
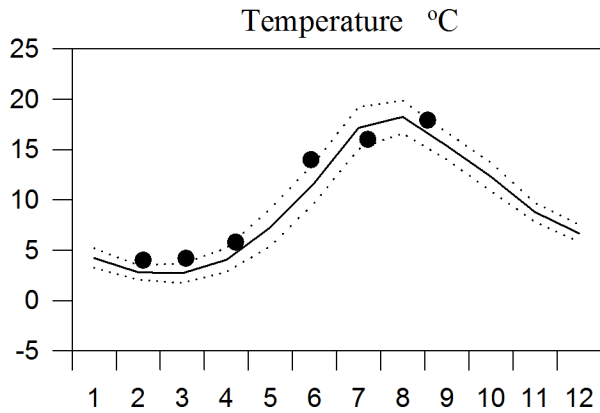
— Mean 1996-2010 St.Dev. ● 2015



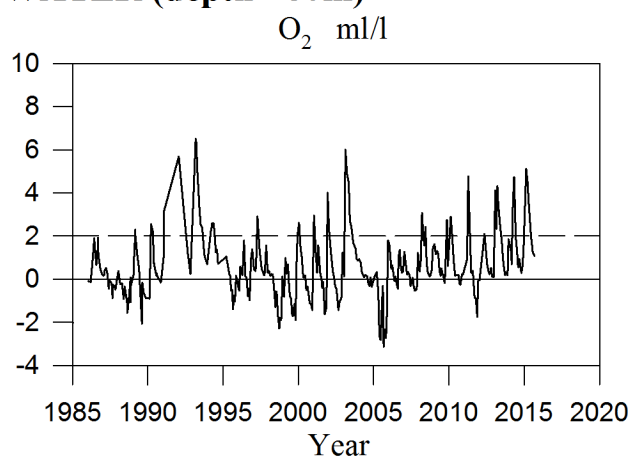
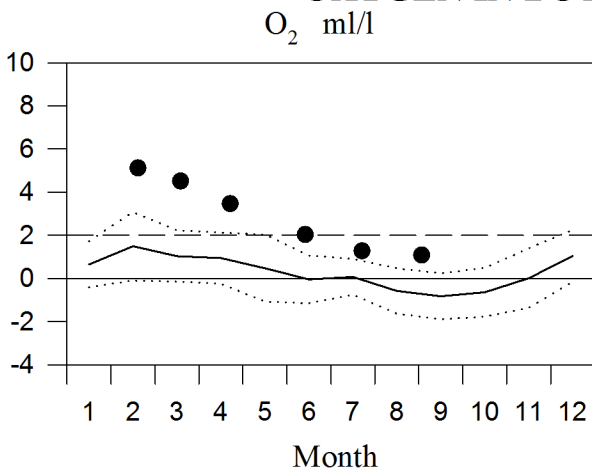
STATION BY5 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

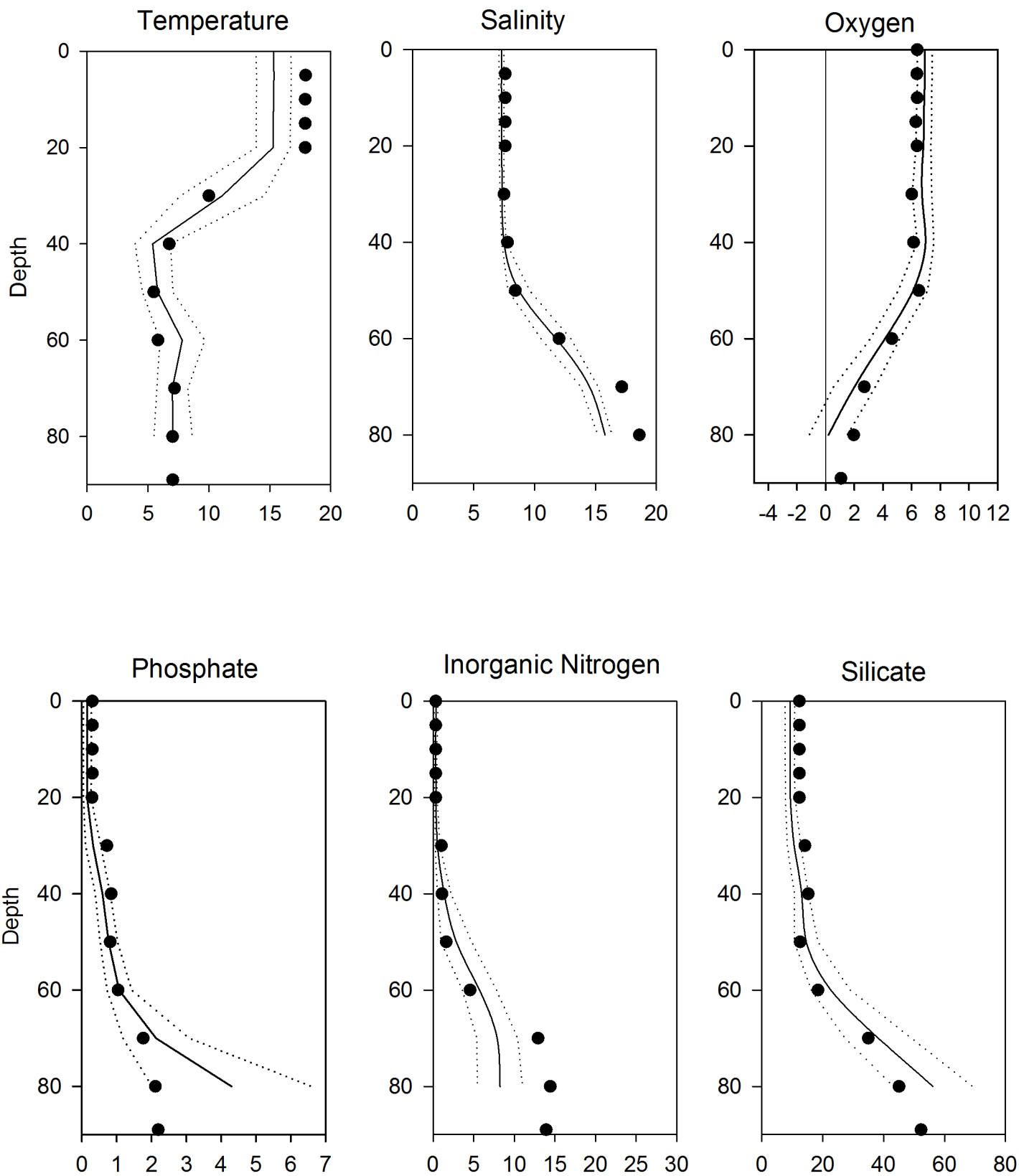


OXYGEN IN BOTTOM WATER (depth >80m)



Vertical profiles BY5 September

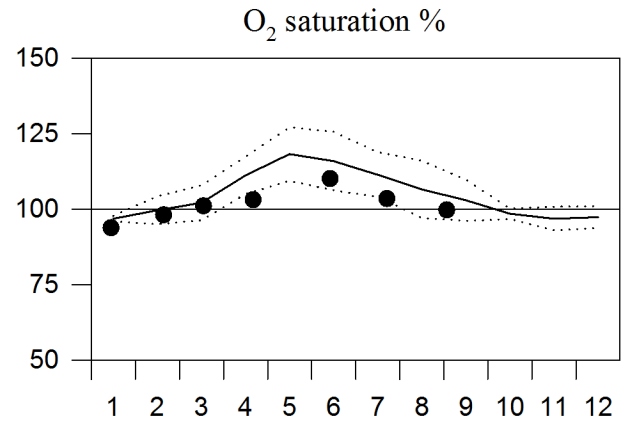
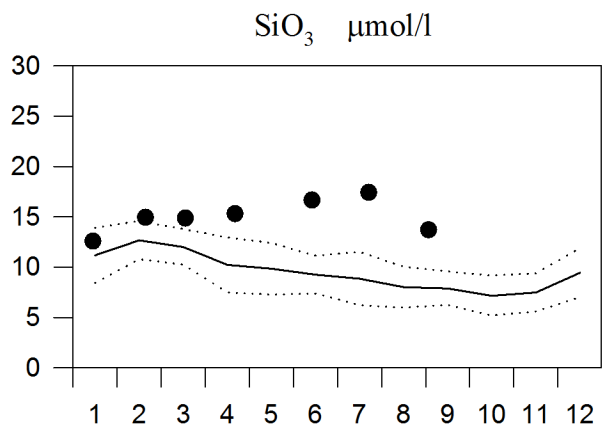
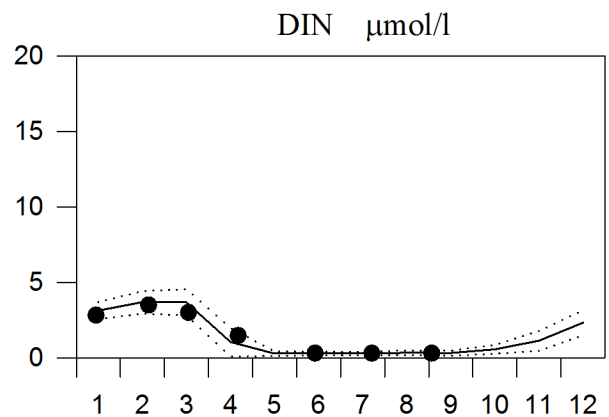
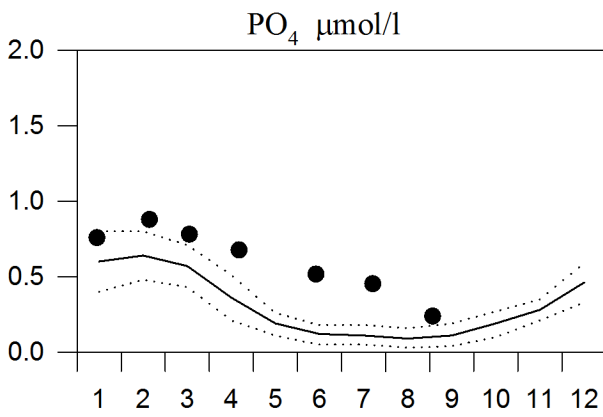
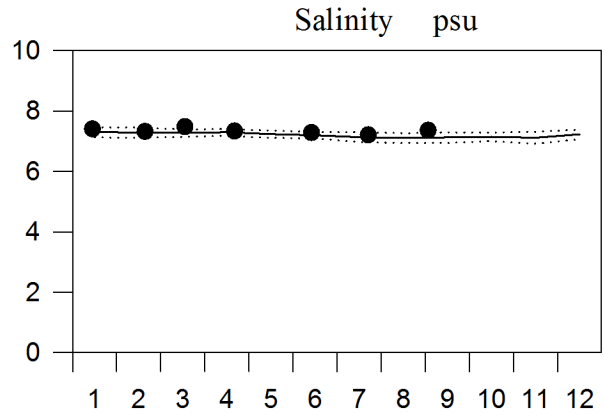
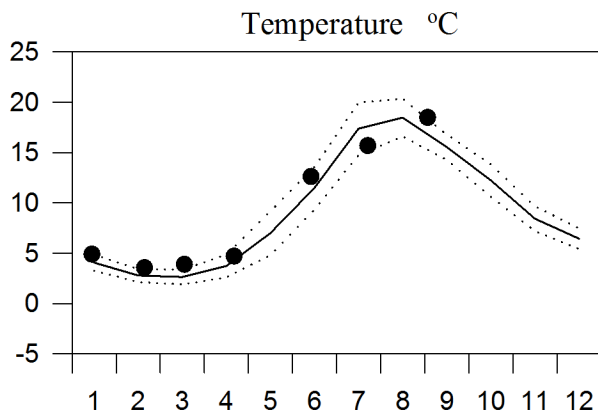
— Mean 1996-2010 St.Dev. ● 2015



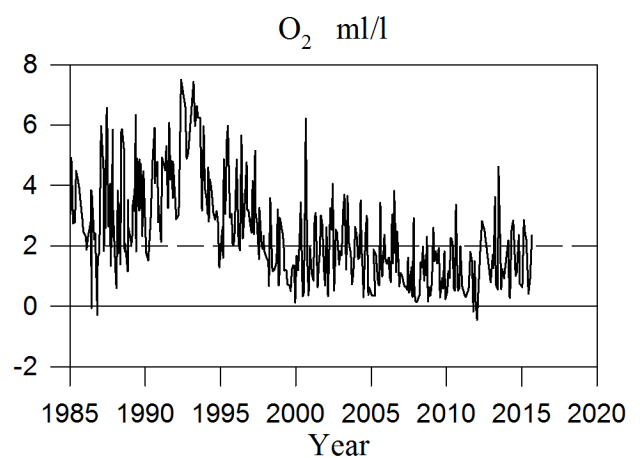
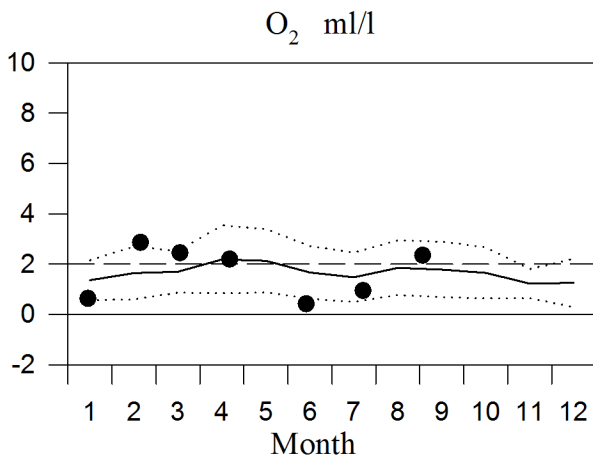
STATION BCS III-10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

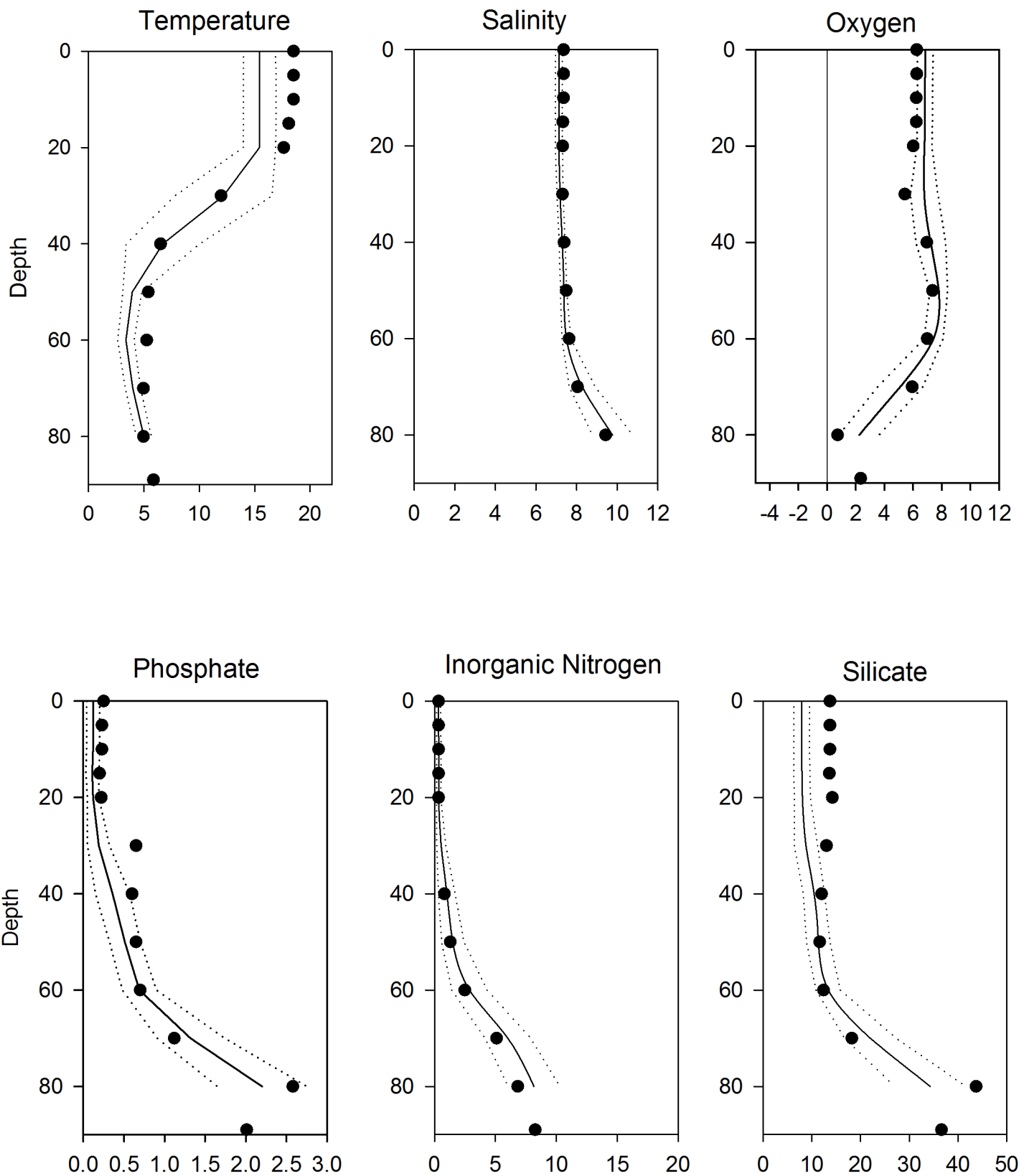


OXYGEN IN BOTTOM WATER (depth > 80m)



Vertical profiles BCS III-10 September

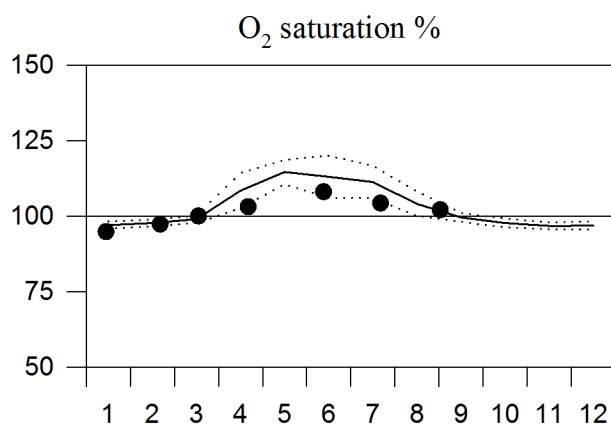
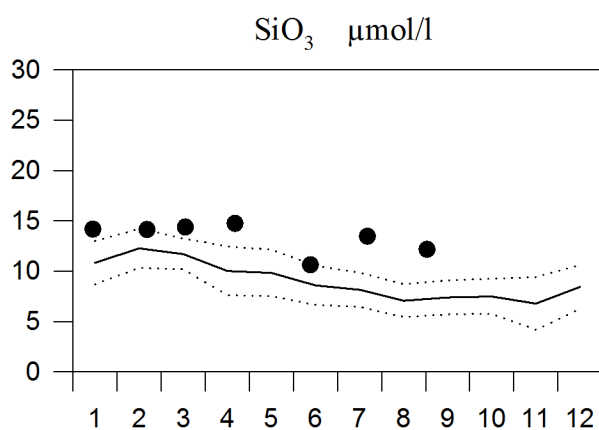
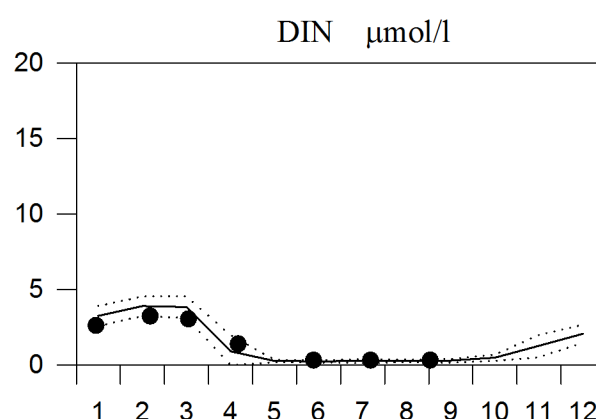
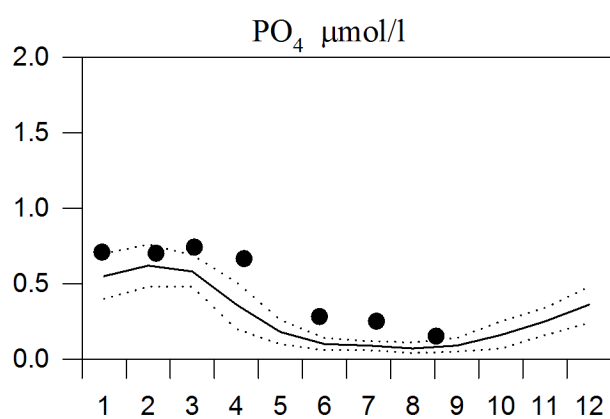
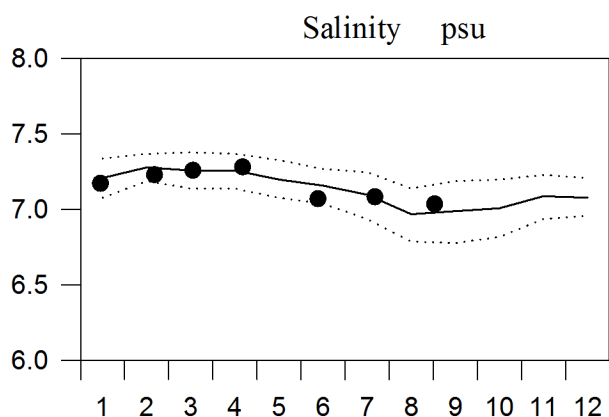
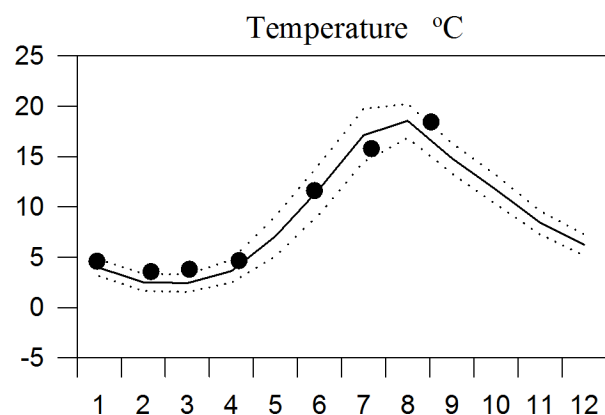
— Mean 1996-2010 St.Dev. ● 2015



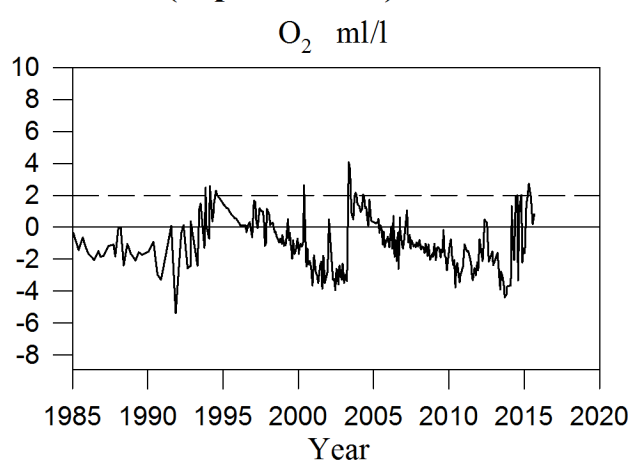
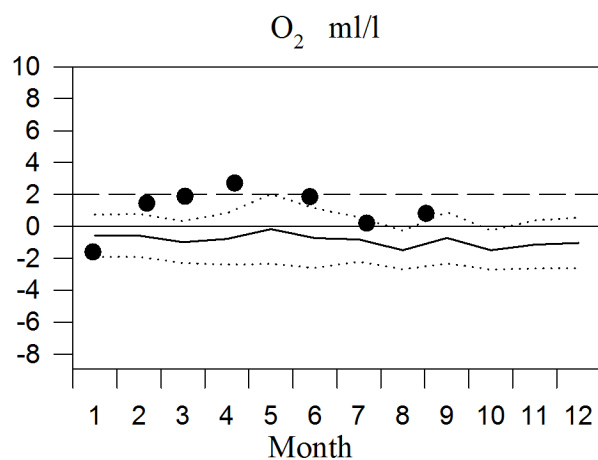
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015



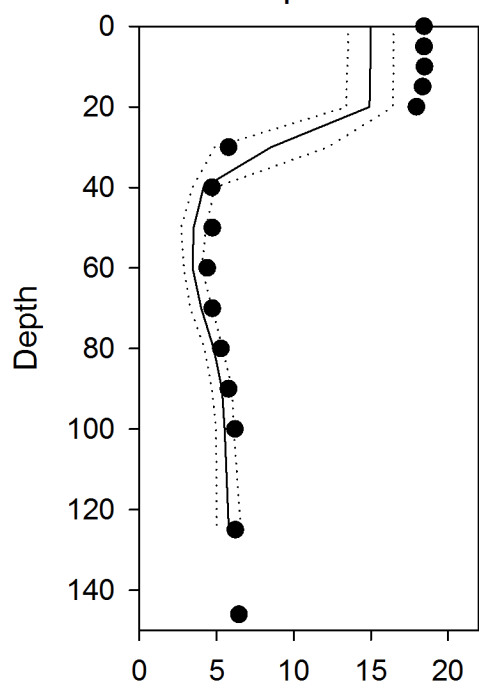
OXYGEN IN BOTTOM WATER (depth >125m)



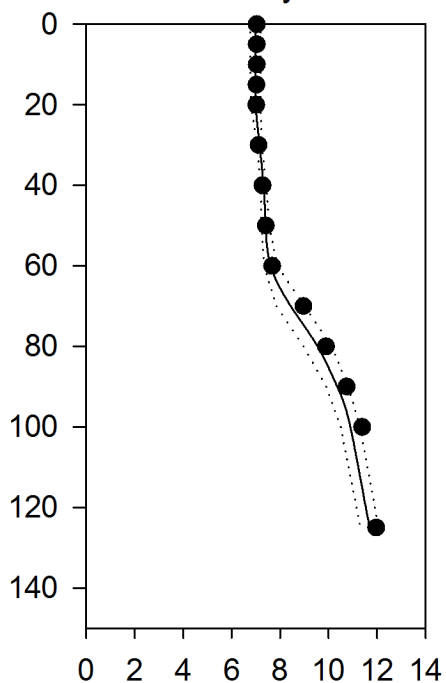
Vertical profiles BY10 September

— Mean 1996-2010 St.Dev. ● 2015

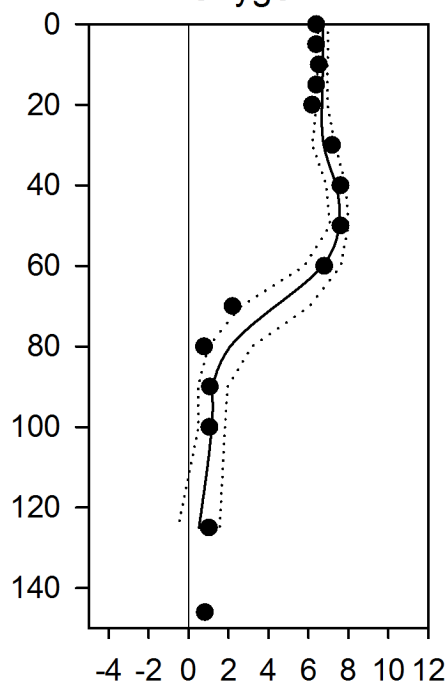
Temperature



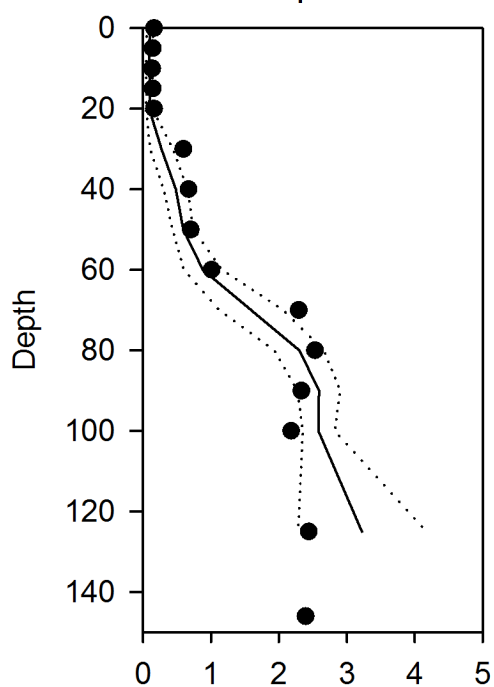
Salinity



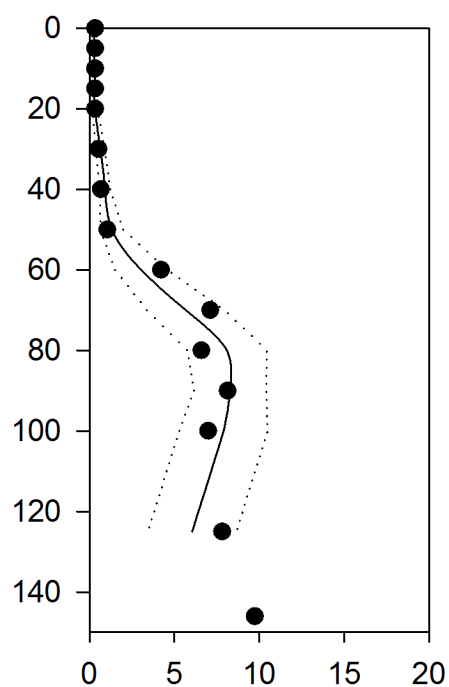
Oxygen



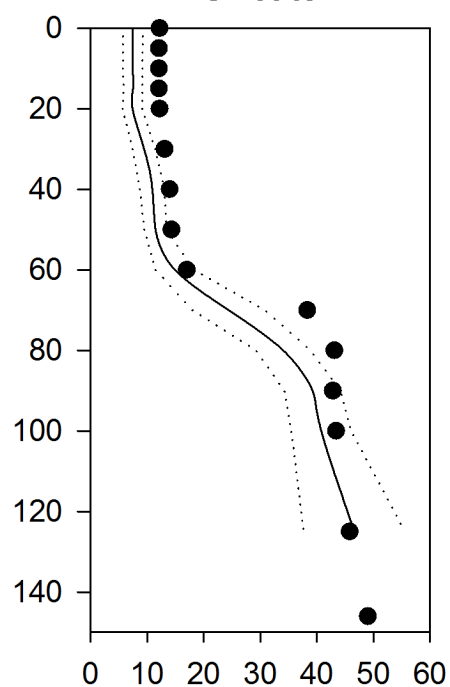
Phosphate



Inorganic Nitrogen



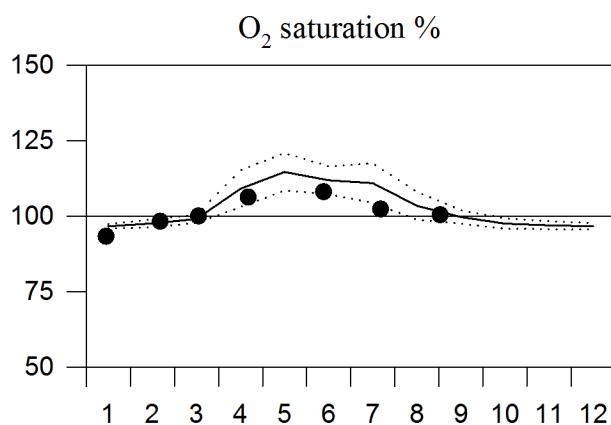
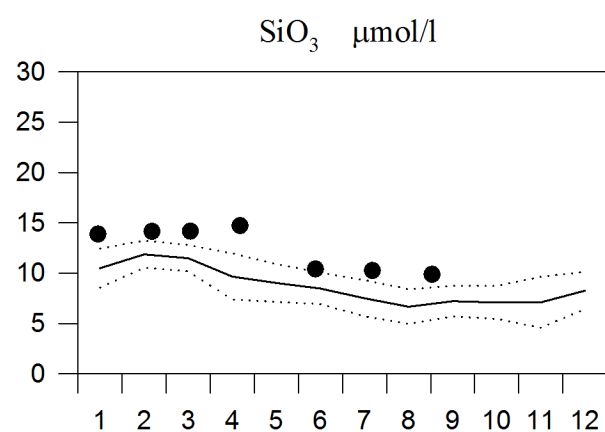
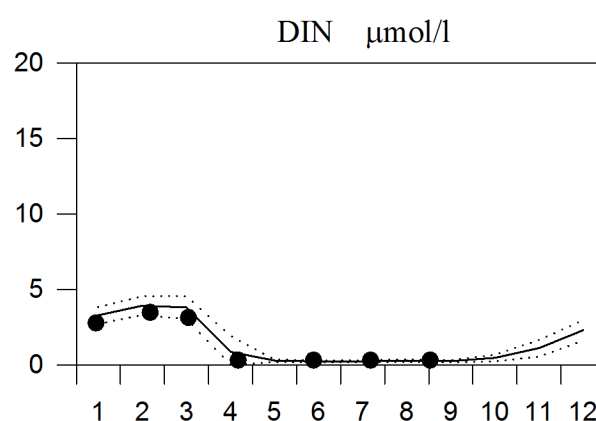
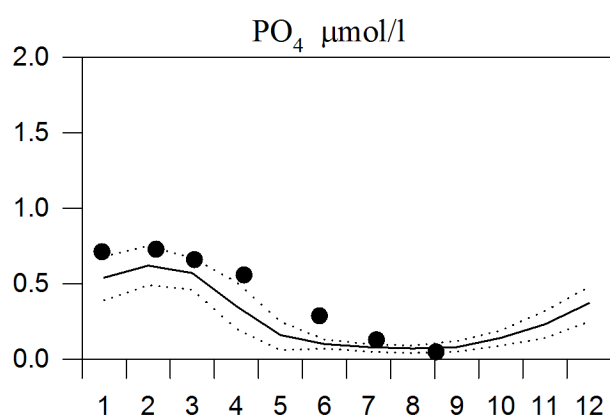
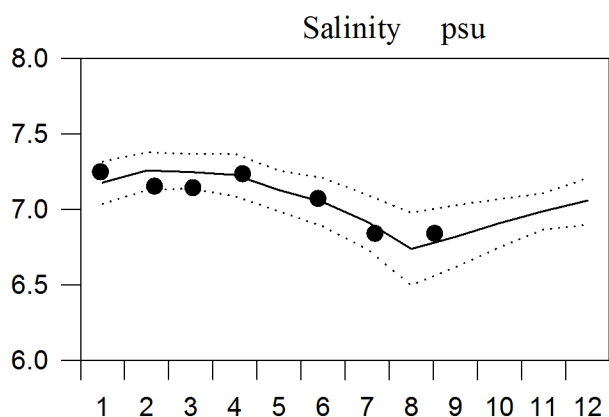
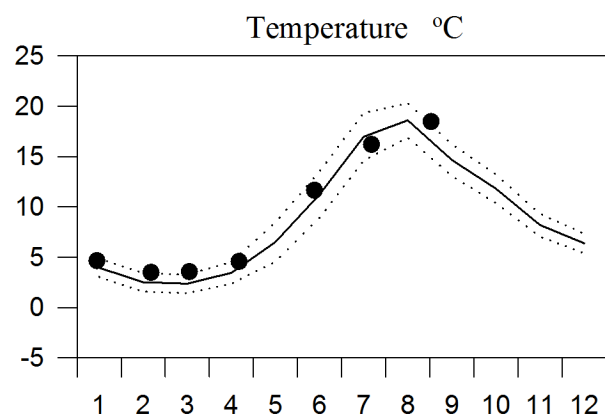
Silicate



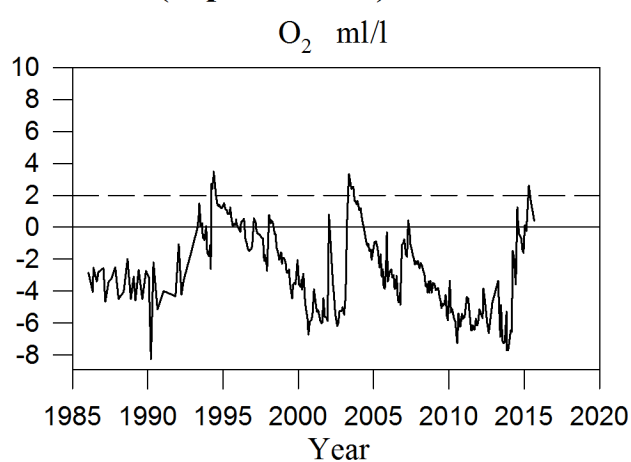
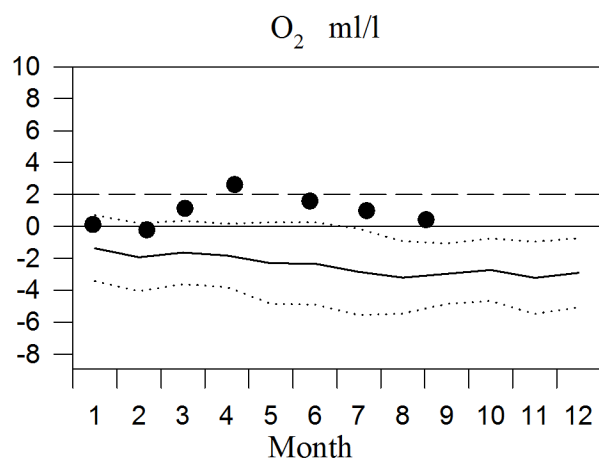
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015



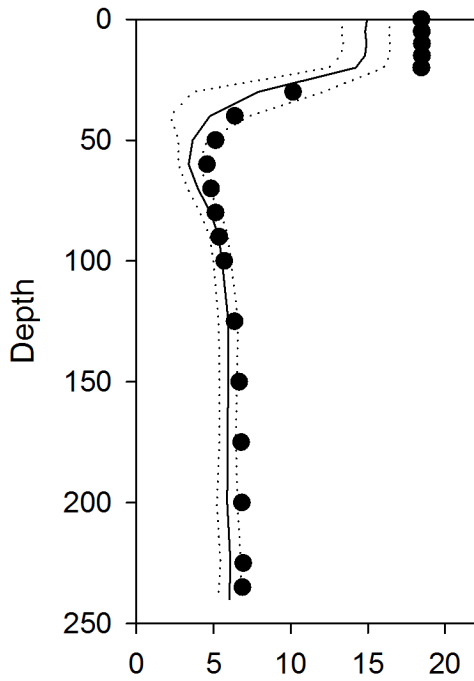
OXYGEN IN BOTTOM WATER (depth >225m)



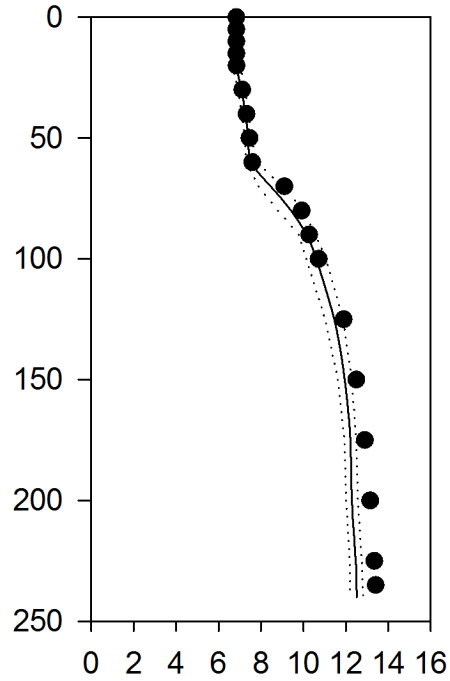
Vertical profiles BY15 September

— Mean 1996-2010 St.Dev. ● 2015

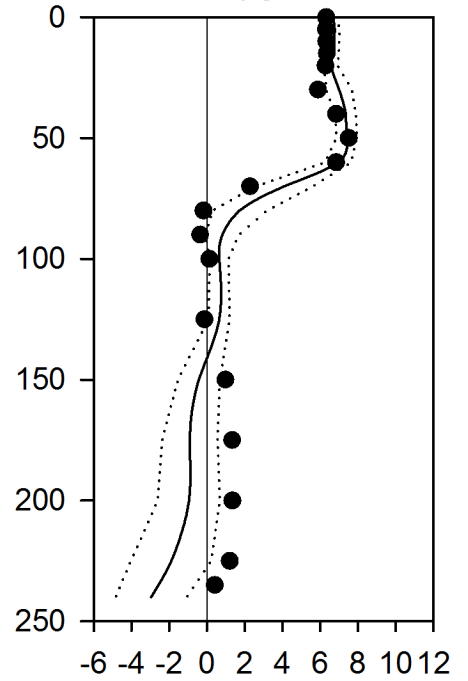
Temperature



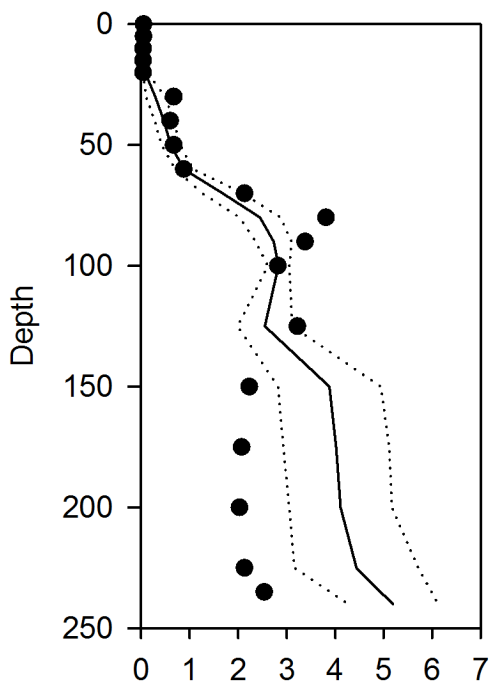
Salinity



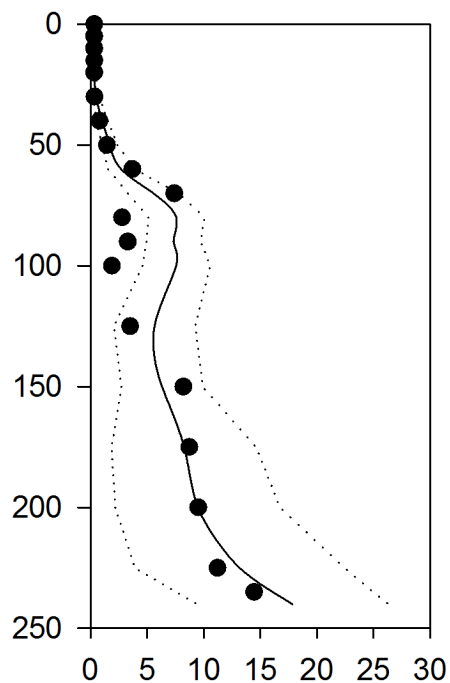
Oxygen



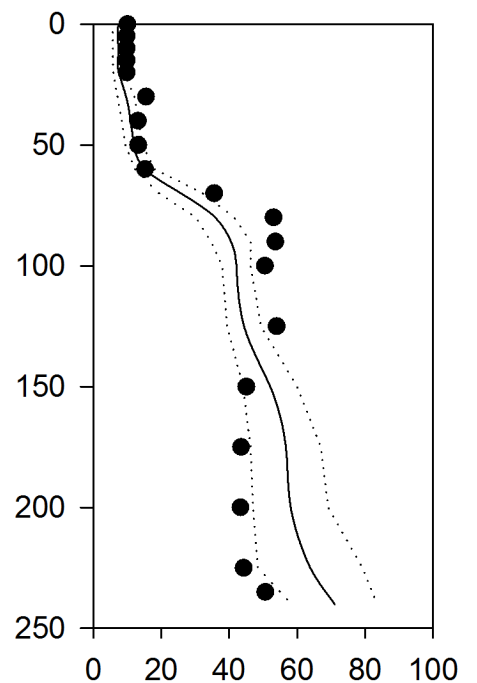
Phosphate



Inorganic Nitrogen



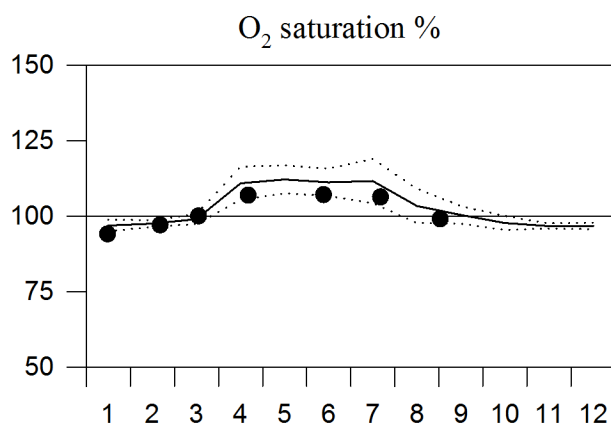
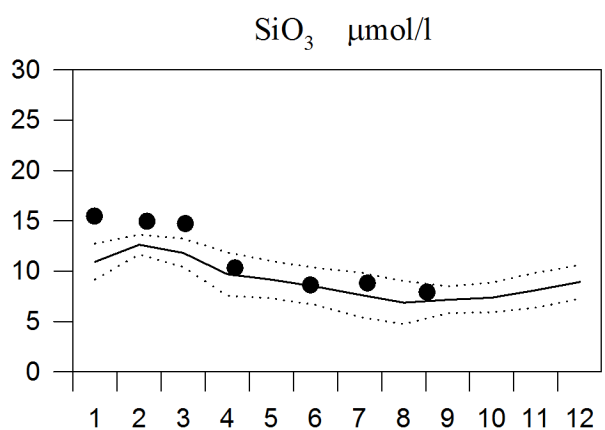
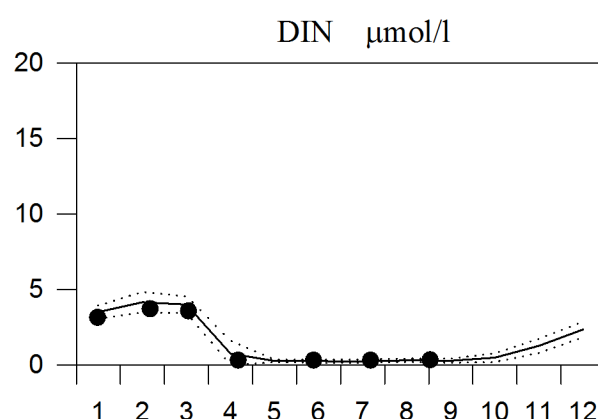
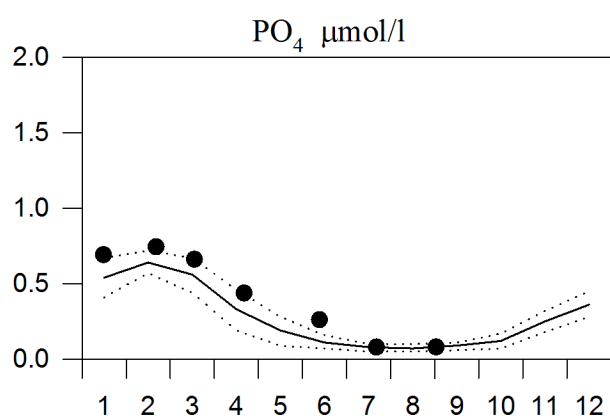
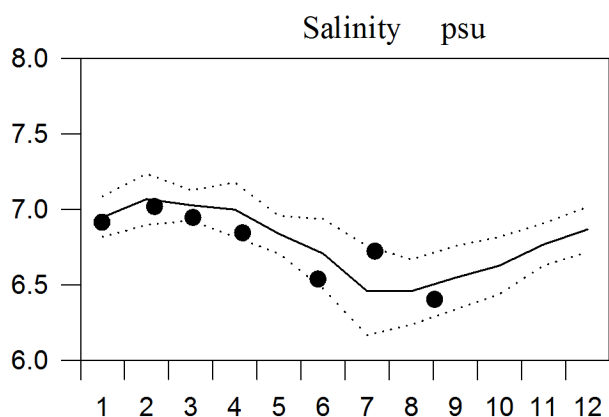
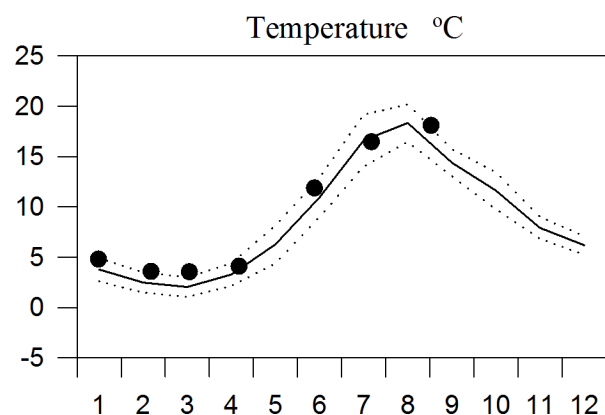
Silicate



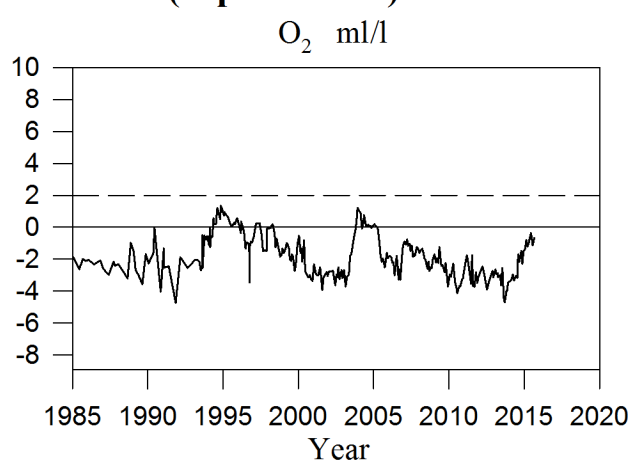
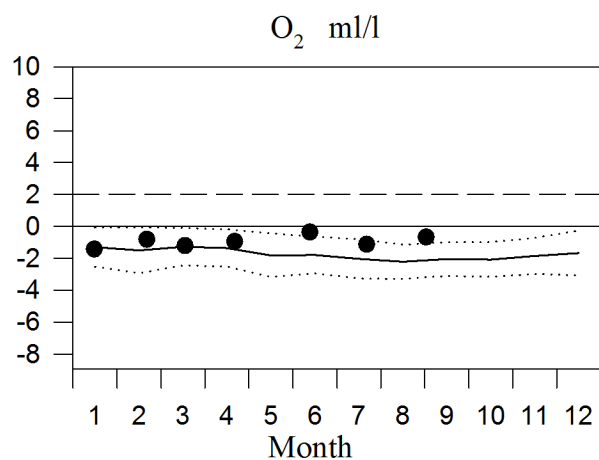
STATION BY20 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015



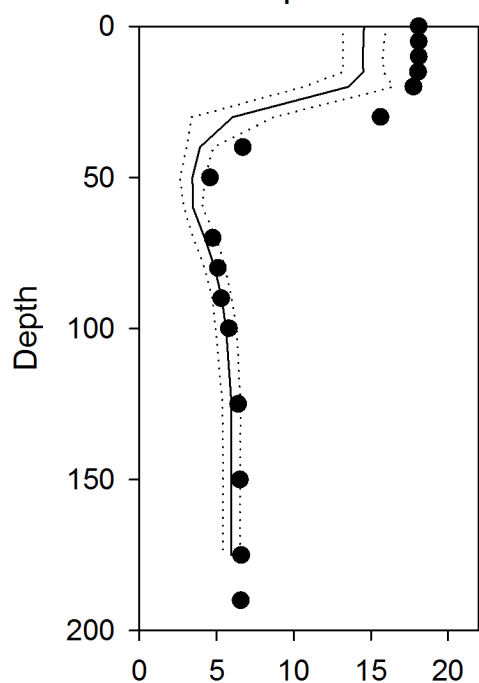
OXYGEN IN BOTTOM WATER (depth >175m)



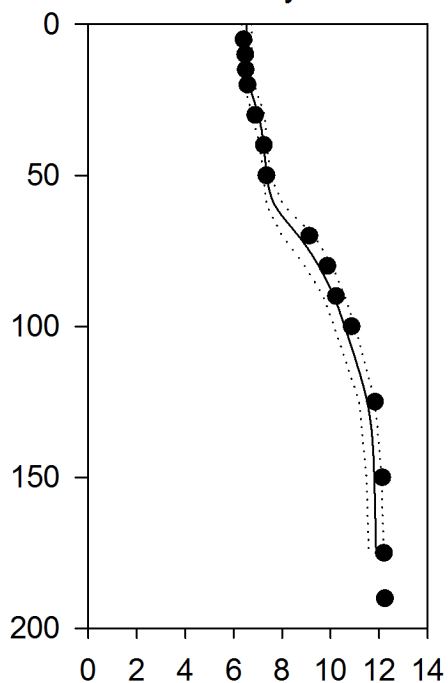
Vertical profiles BY20 September

— Mean 1996-2010 St.Dev. ● 2015

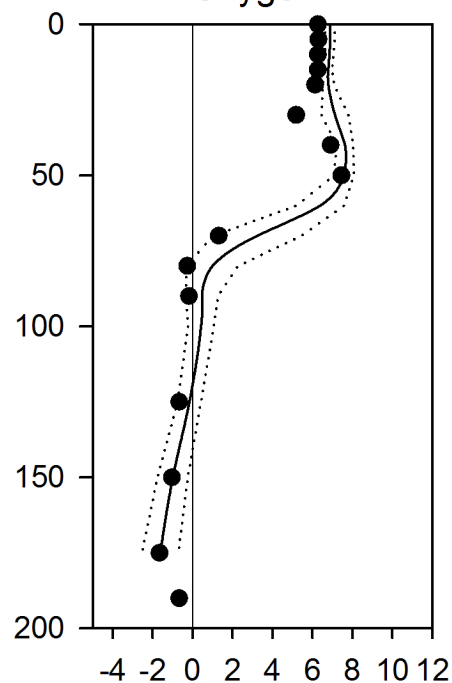
Temperature



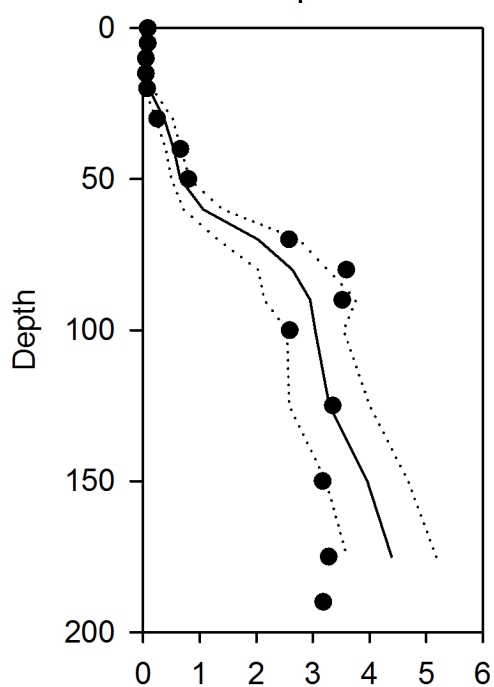
Salinity



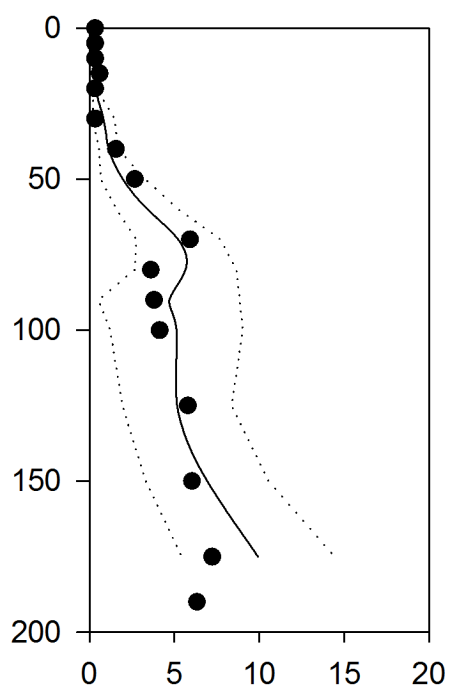
Oxygen



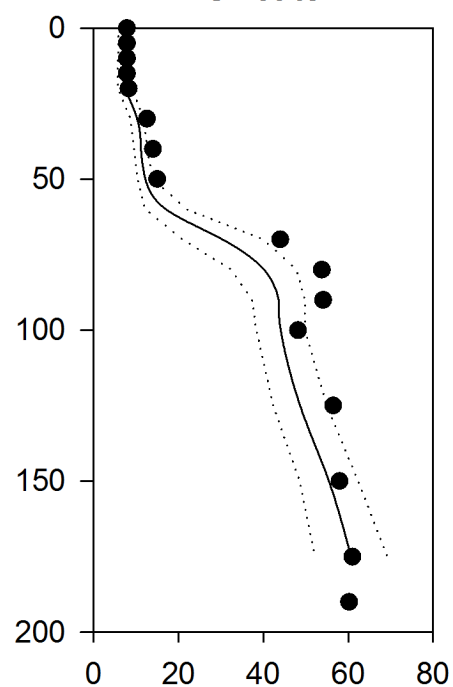
Phosphate



Inorganic Nitrogen



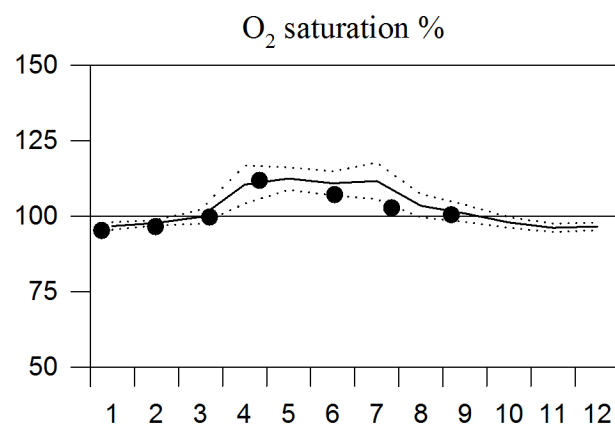
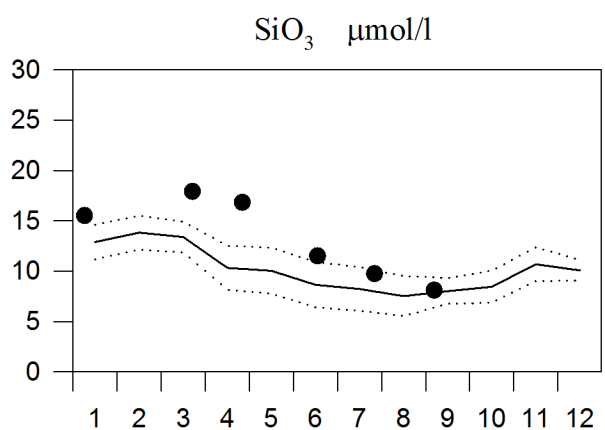
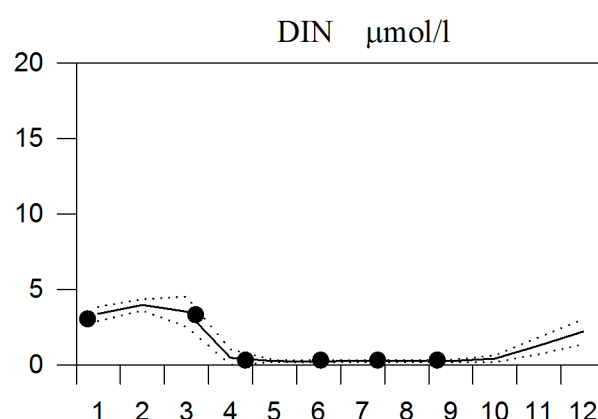
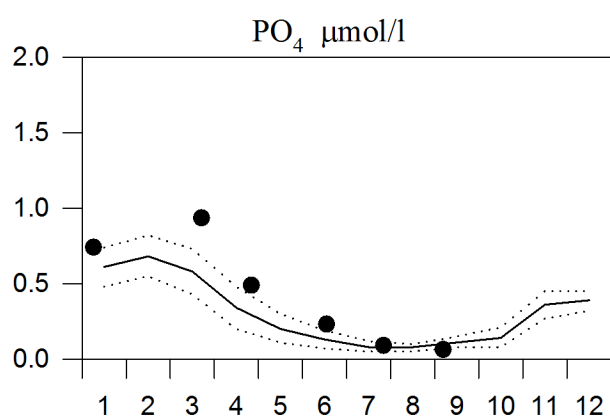
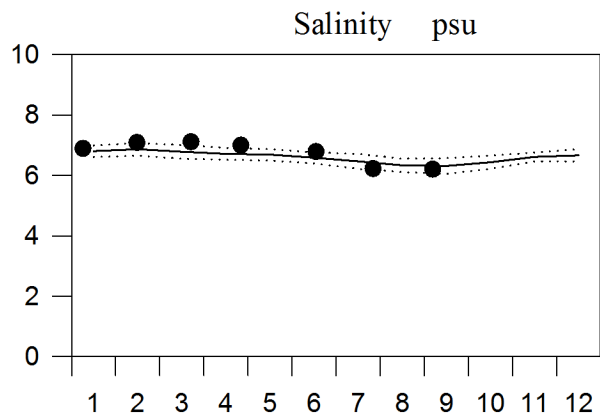
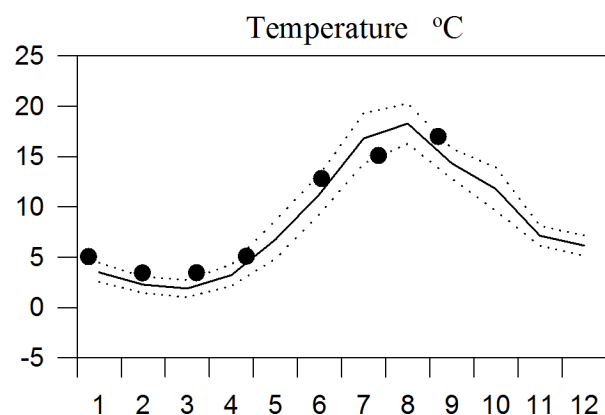
Silicate



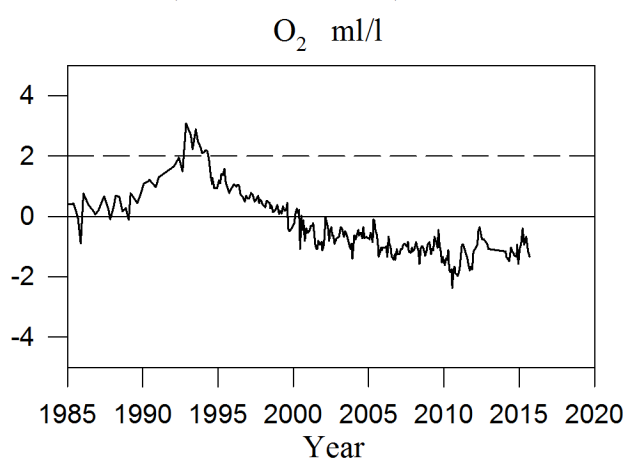
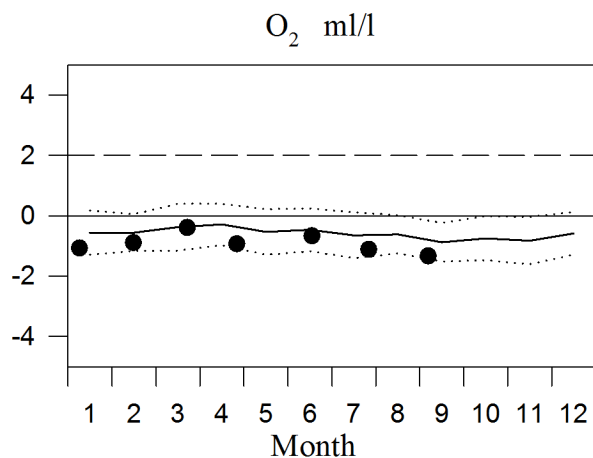
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015



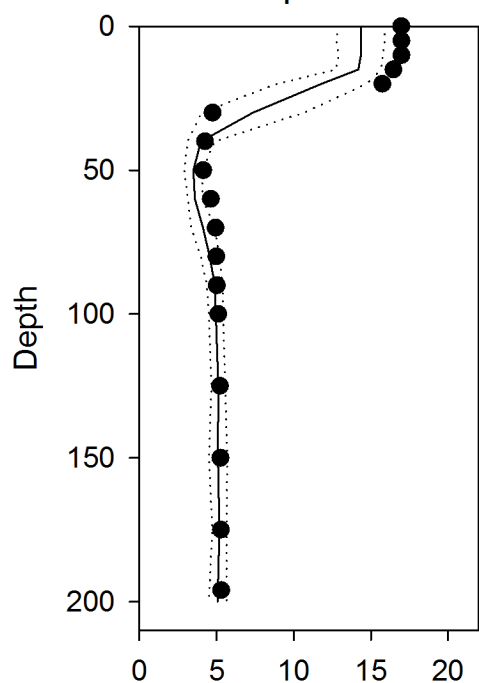
OXYGEN IN BOTTOM WATER (depth > 175m)



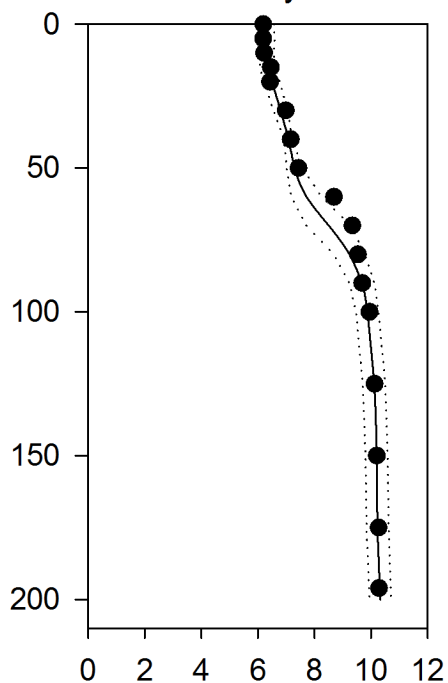
Vertical profiles BY32 September

— Mean 1996-2010 St.Dev. ● 2015

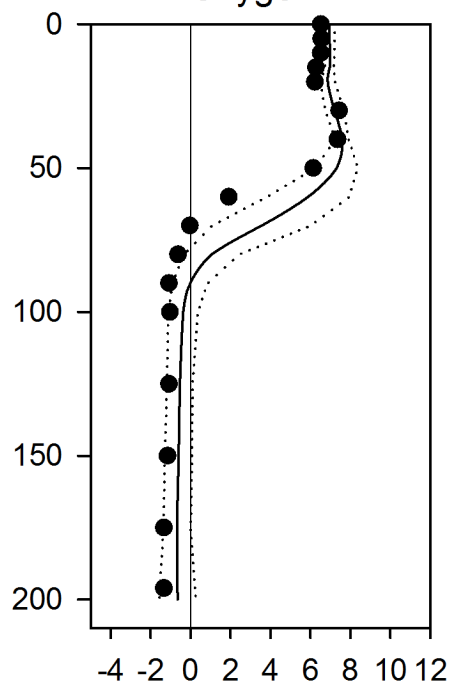
Temperature



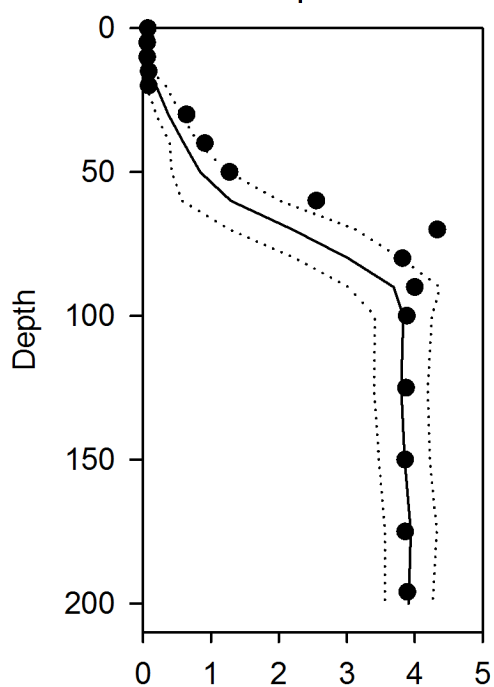
Salinity



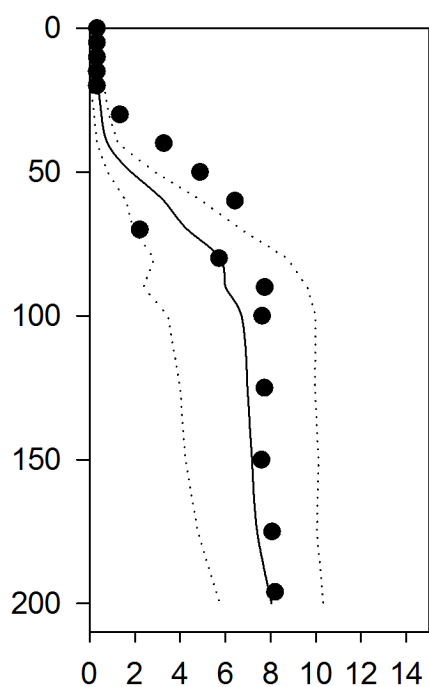
Oxygen



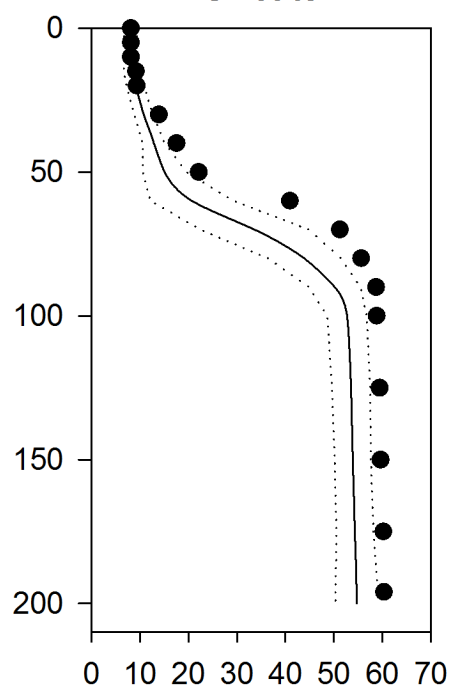
Phosphate



Inorganic Nitrogen



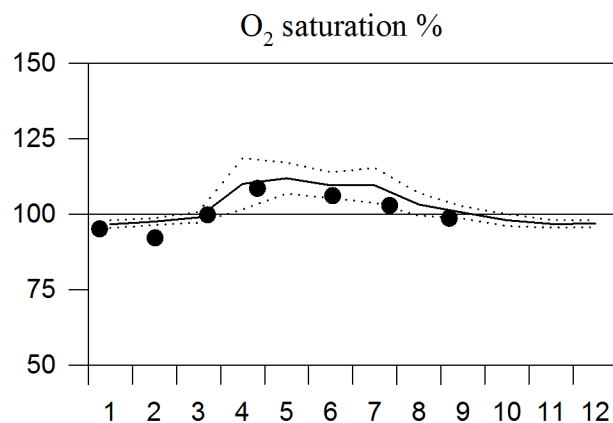
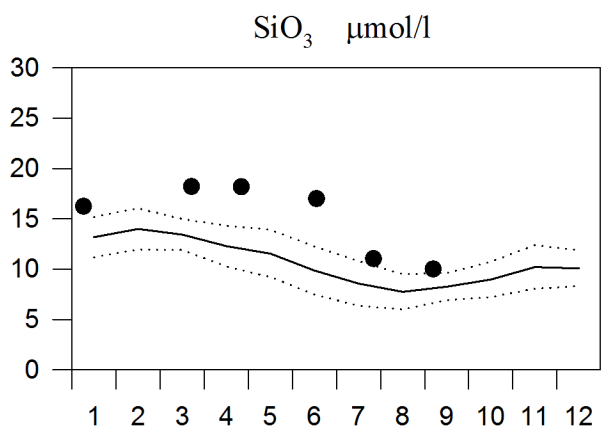
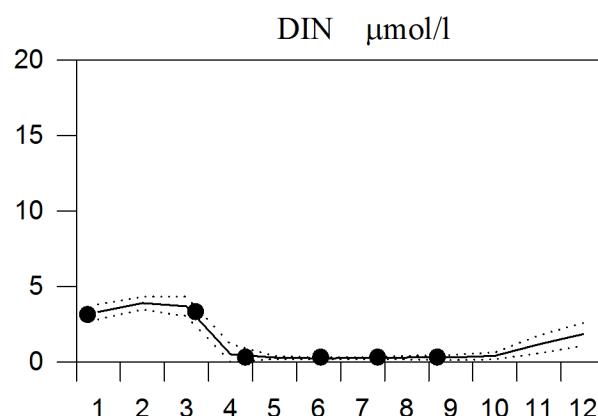
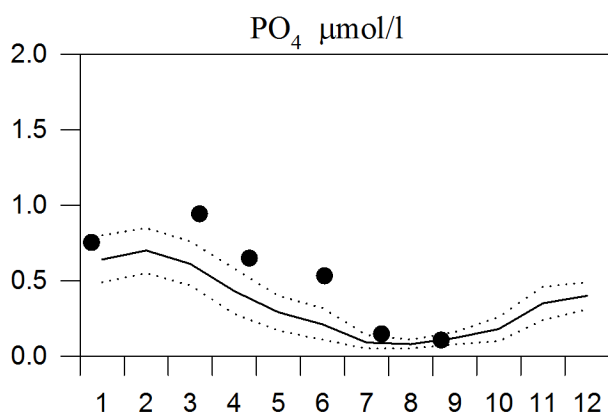
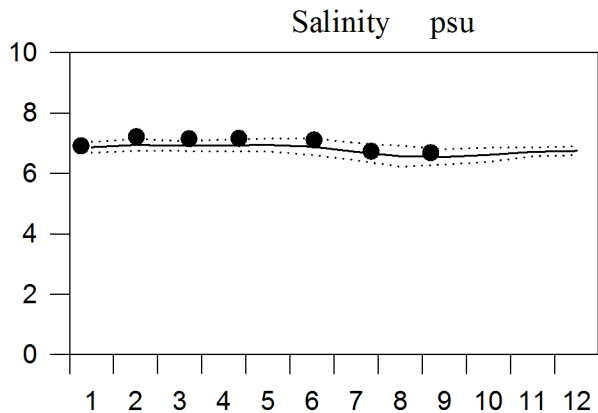
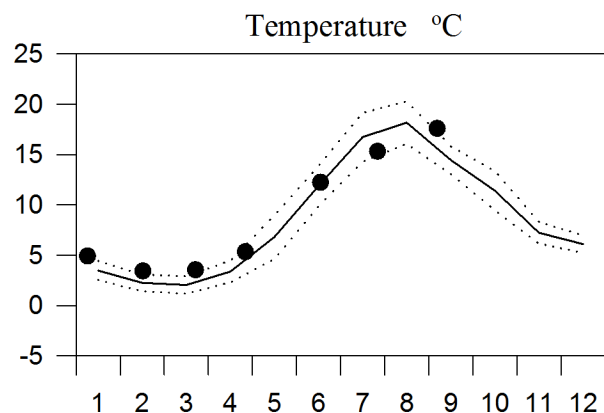
Silicate



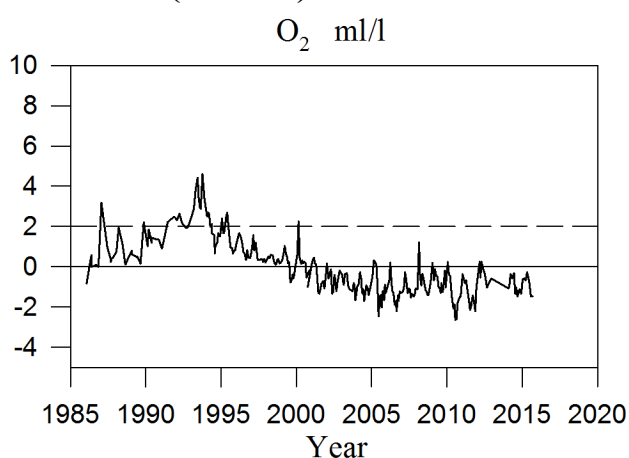
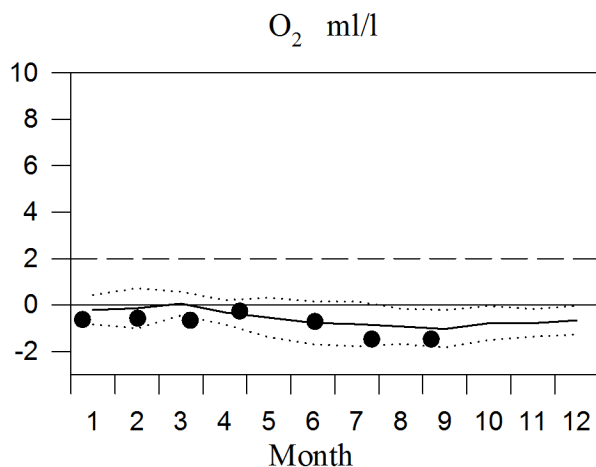
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

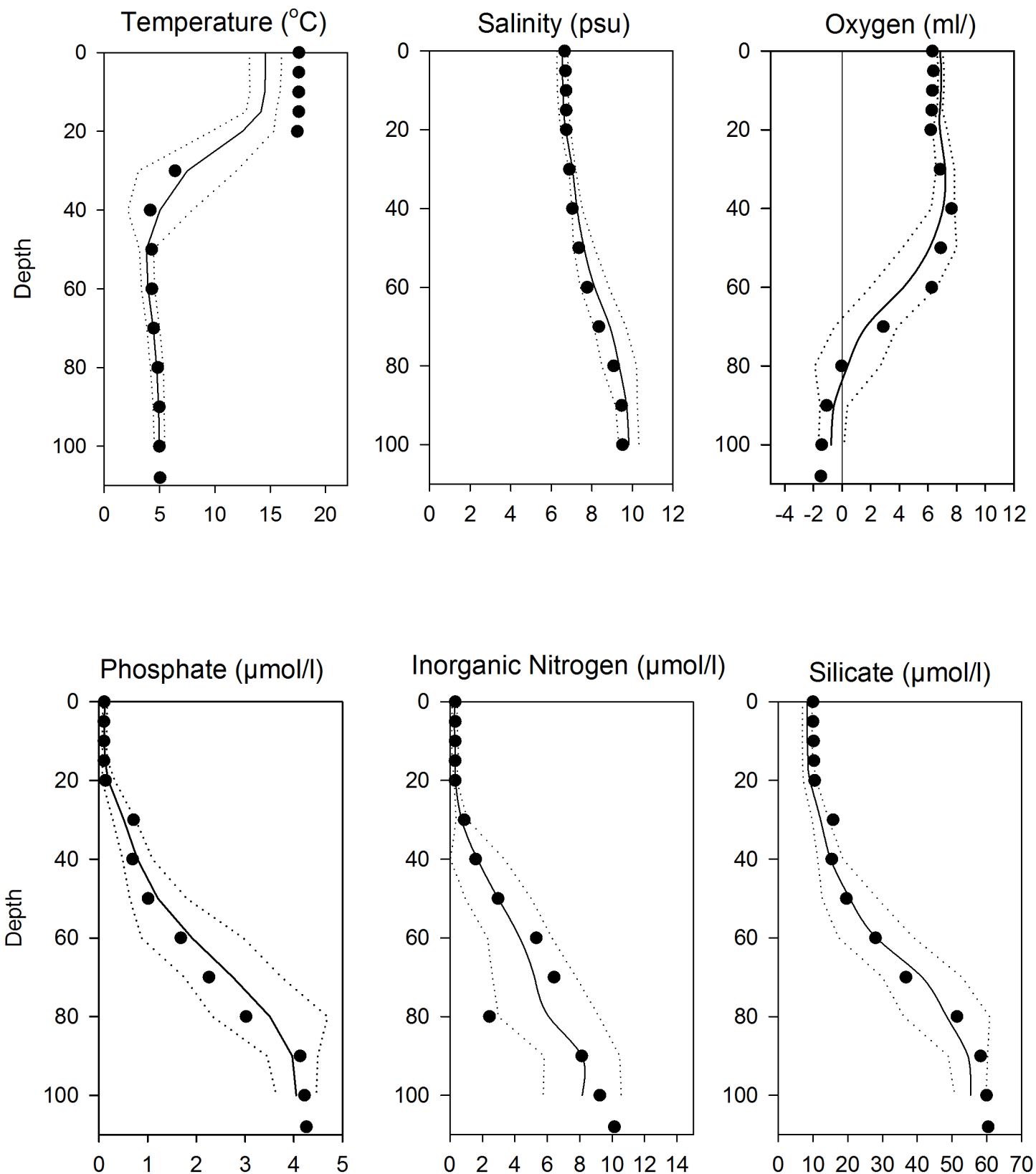


OXYGEN IN BOTTOM WATER (> 100m)



Vertical profiles BY38 September

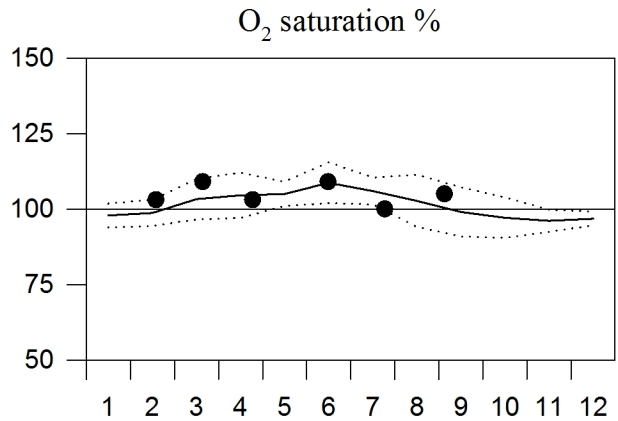
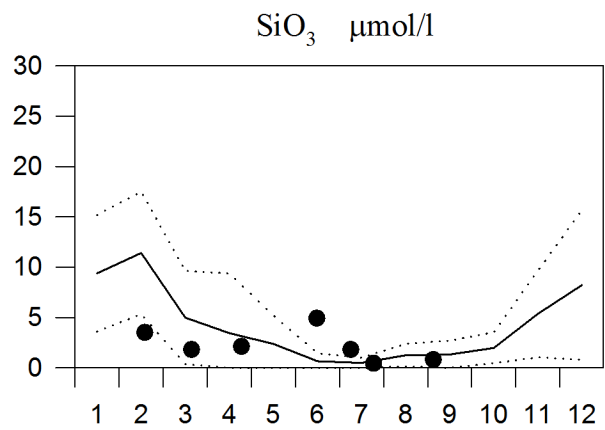
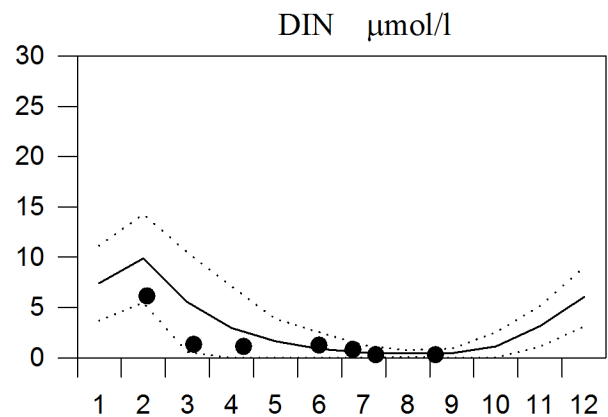
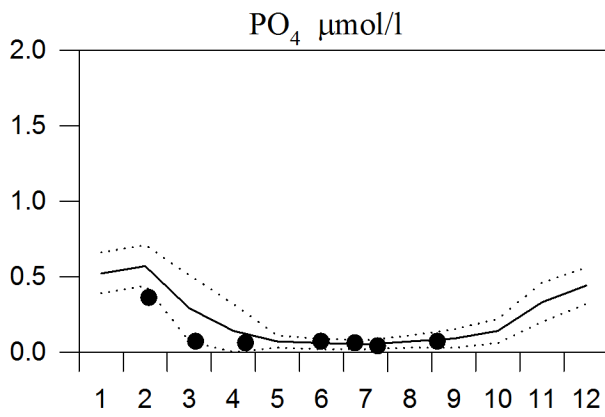
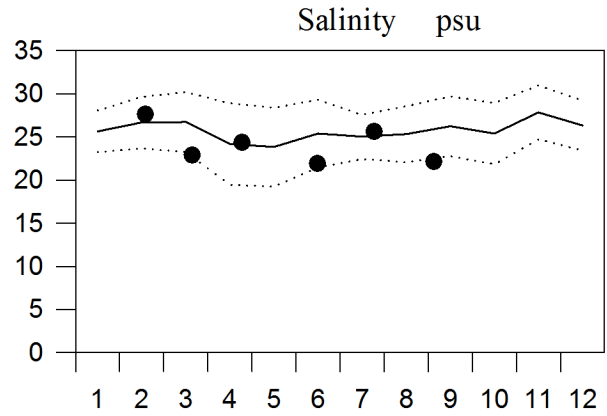
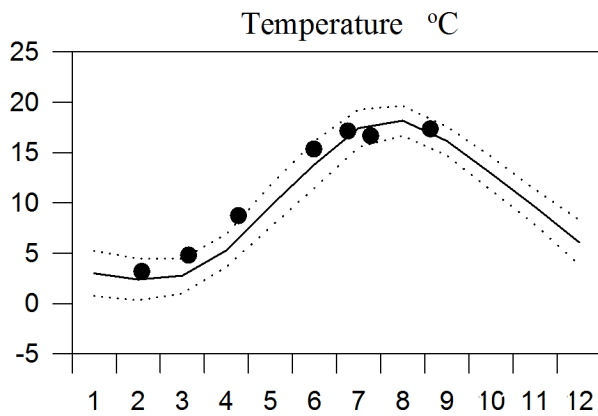
— Mean 1996-2010 St.Dev. ● 2015



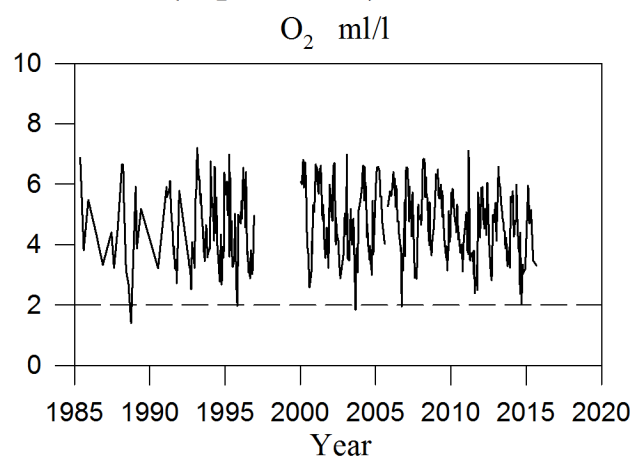
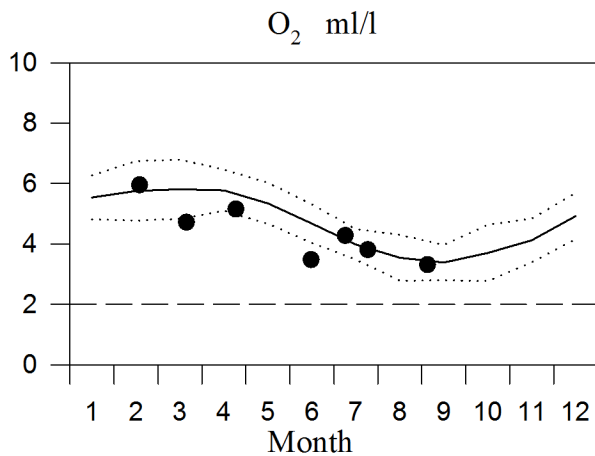
STATION SLÄGGÖ SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

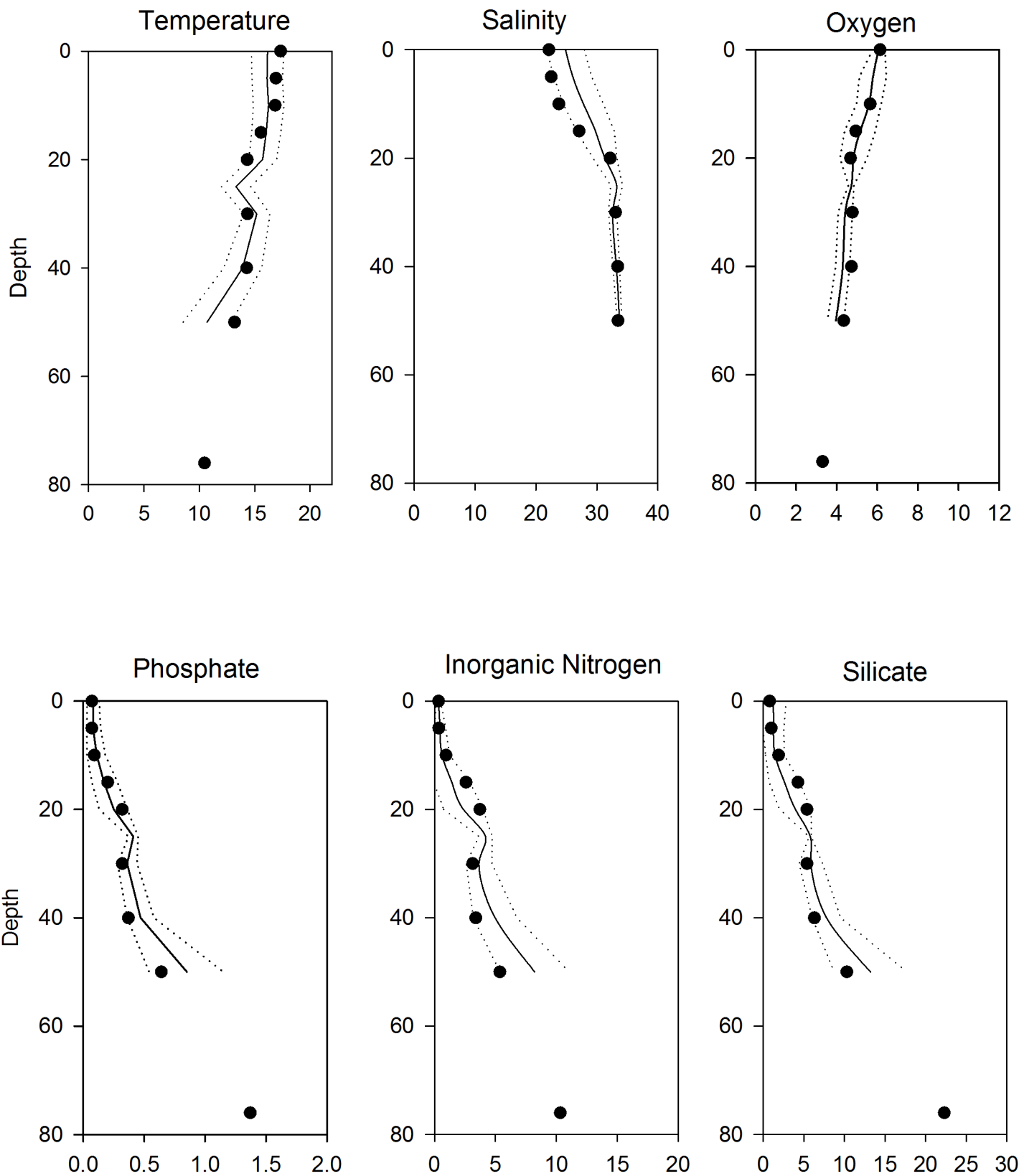


OXYGEN IN BOTTOM WATER (depth >50m)



Vertical profiles Släggö September

— Mean 1996-2010 St.Dev. ● 2015



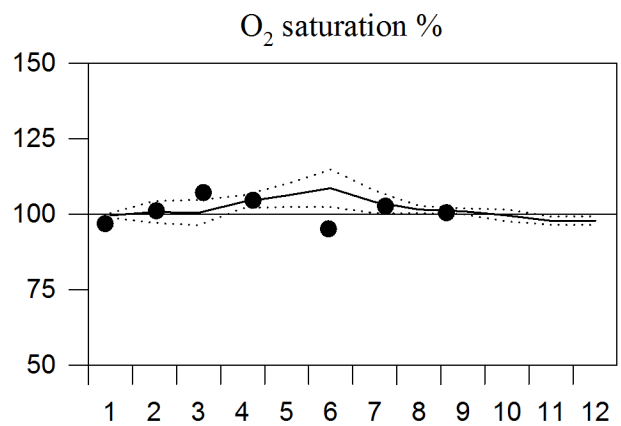
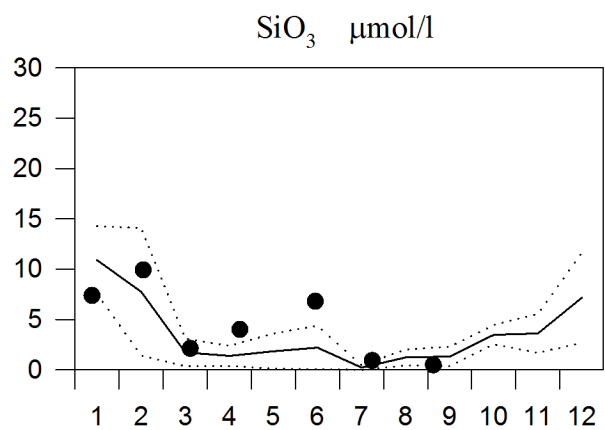
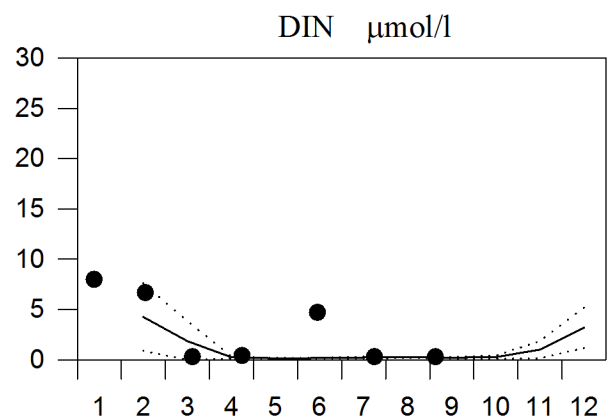
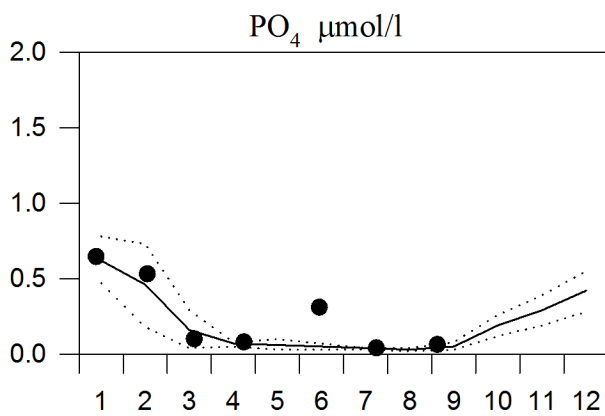
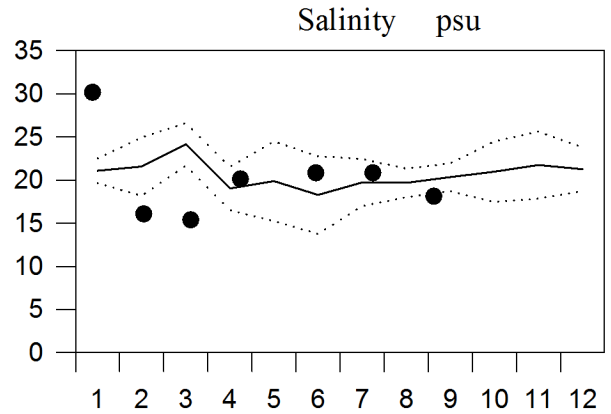
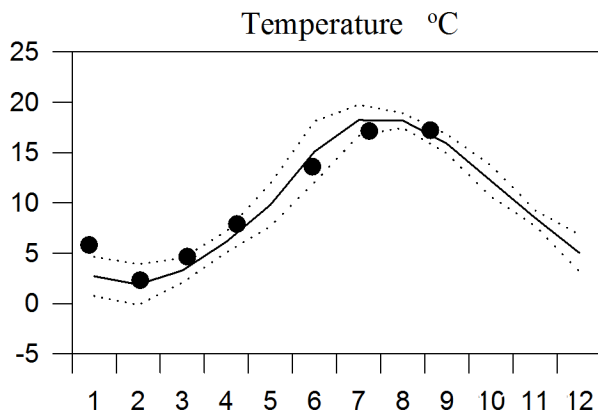
STATION N14 Falkenberg SURFACE WATER

Annual Cycles

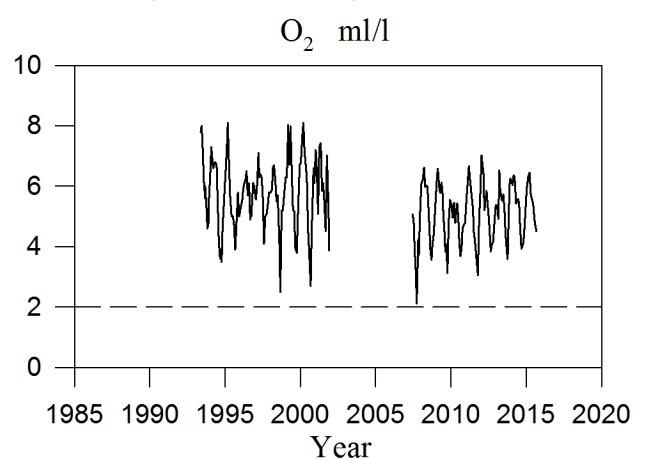
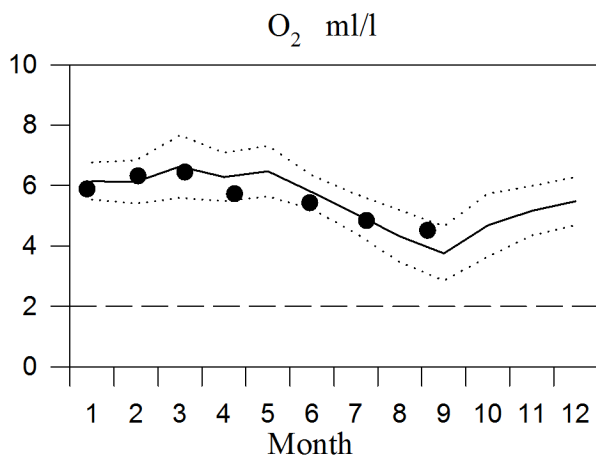
— Mean 2007-2010

..... St.Dev.

● 2015

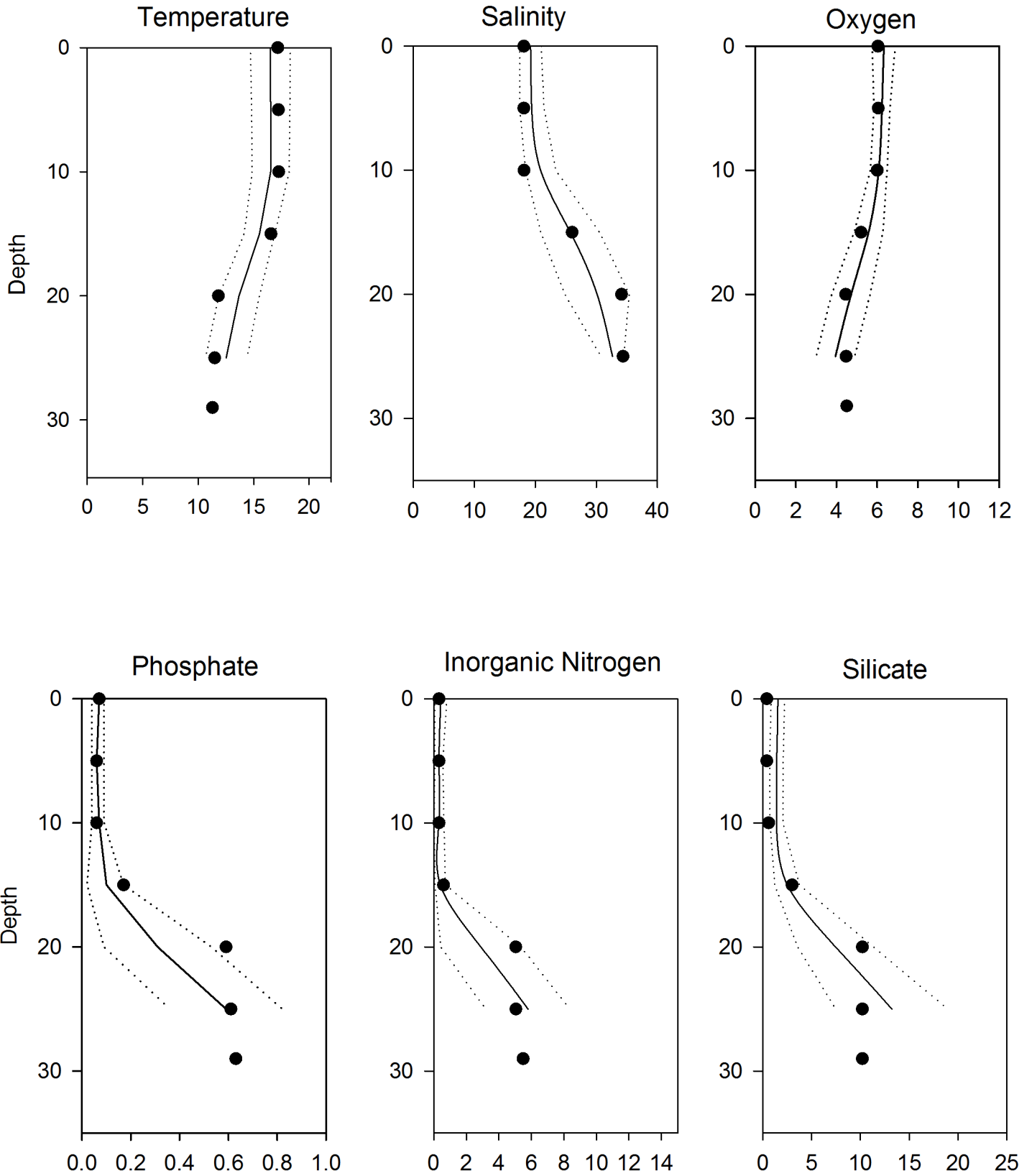


OXYGEN IN BOTTOM WATER (depth > 25m)



Vertical profiles N14 Falkenberg September

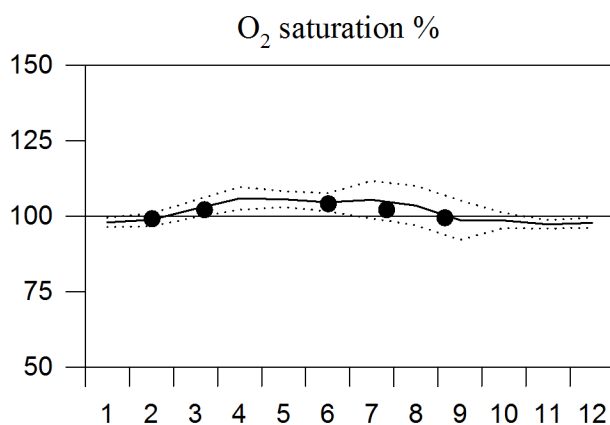
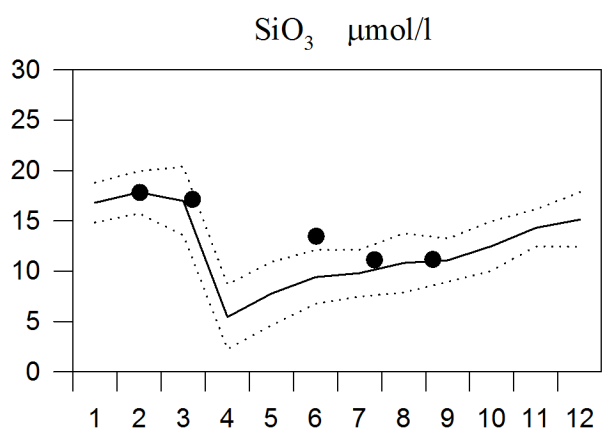
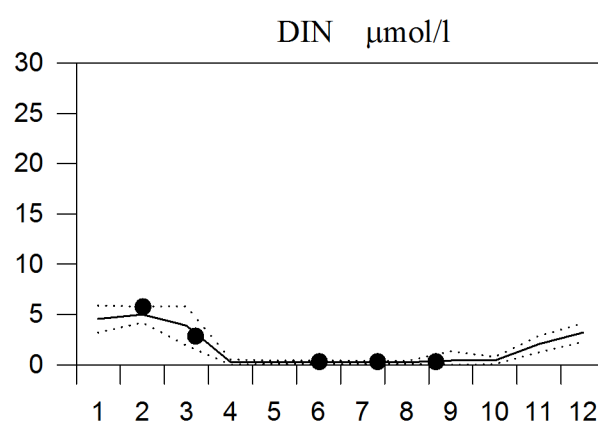
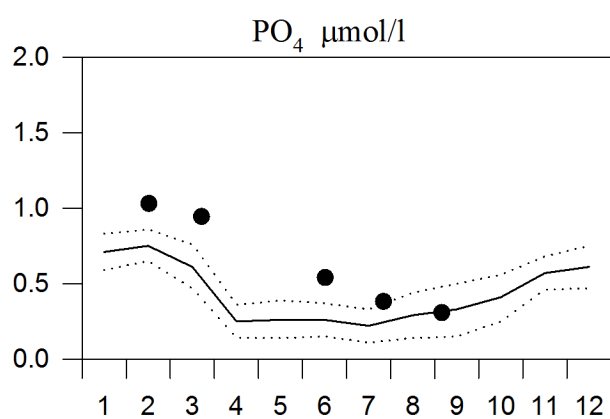
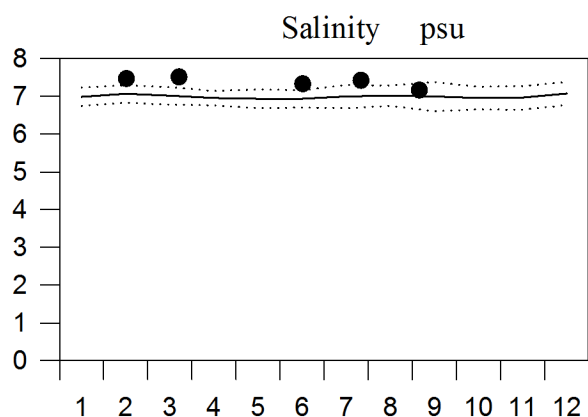
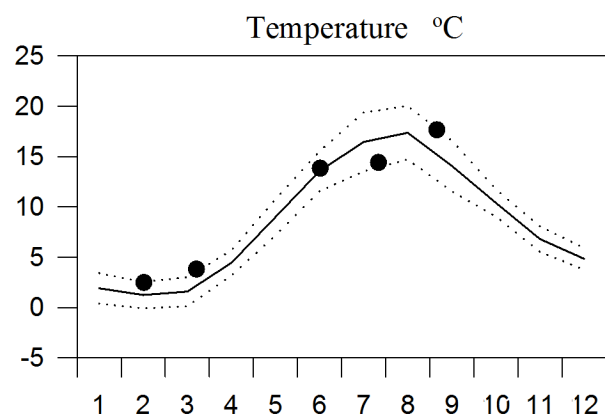
— Mean 1996-2010 St.Dev. ● 2015



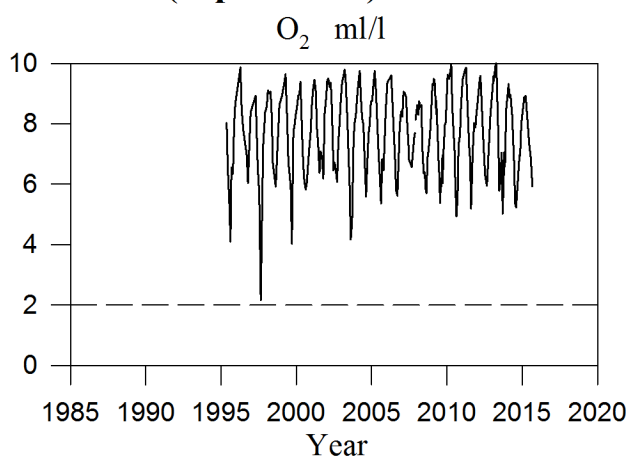
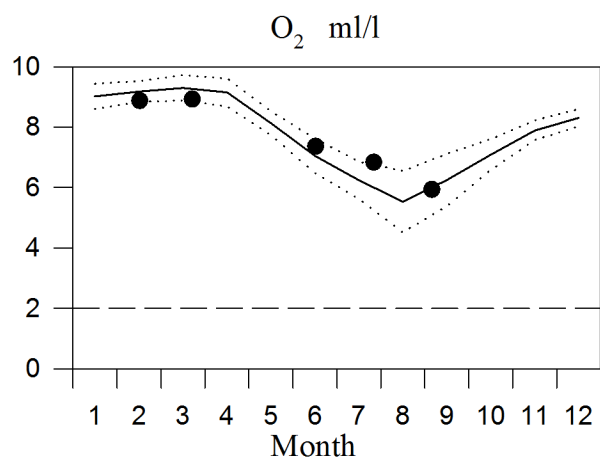
STATION REF M1V1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015



OXYGEN IN BOTTOM WATER (depth >15m)



Vertical profiles Ref M1V1 September

— Mean 1996-2010 St.Dev. ● 2015

